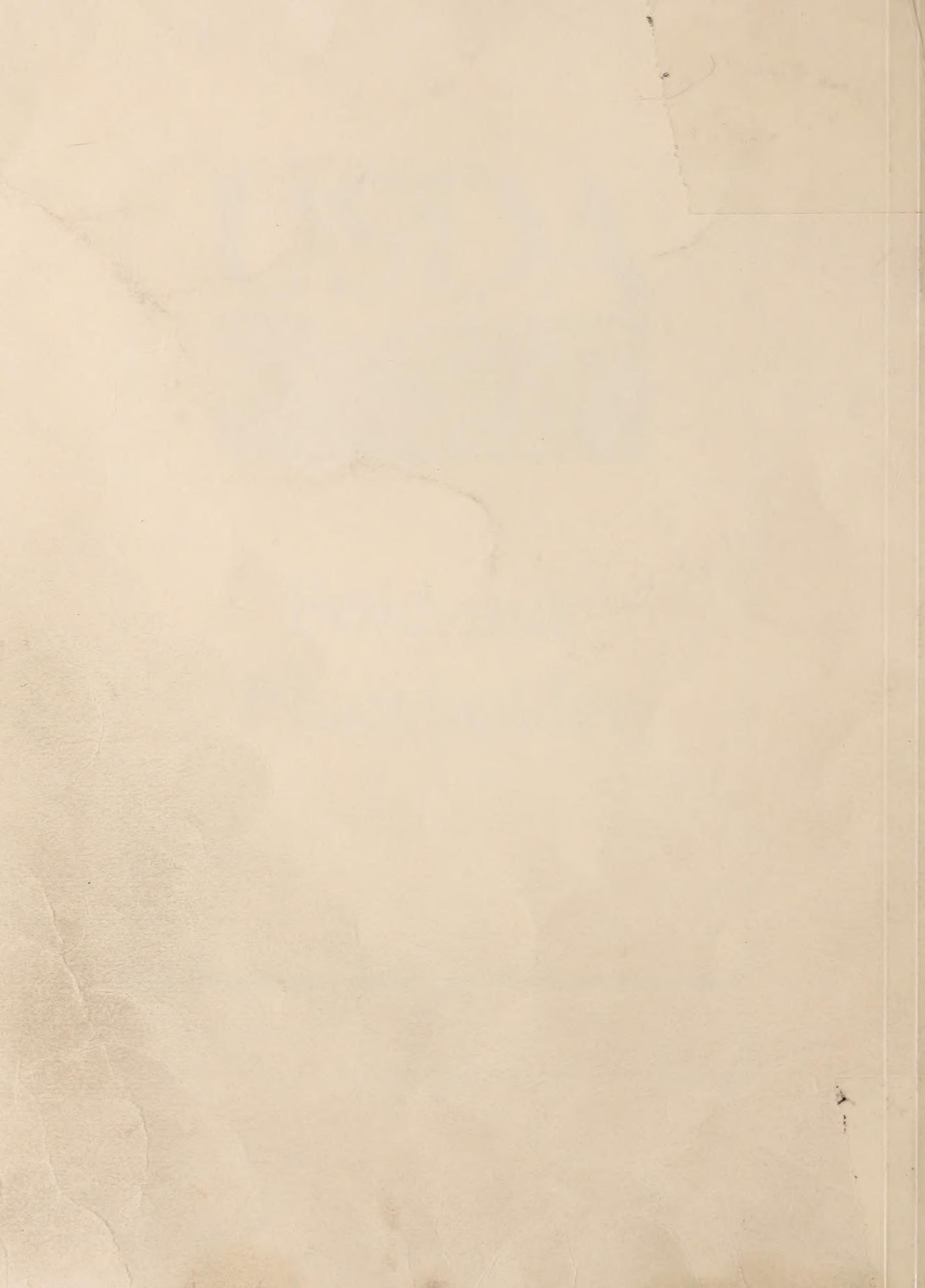


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FEBRARY  
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# VAUGHAN'S AUTUMN BULBS AND PLANTS



A GENUINE NOVELTY

NEW LARGE FLOWERING  
PURE WHITE

FREESIA

"THE BRIDE"  
OR MORRIS WHITE.

DELIGHTFUL FRAGRANCE.

FULL CULTURAL DIRECTIONS  
FREE WITH EACH ORDER.

EACH 4¢ DOZ 35¢ PER 100 \$2.50



May C. D. C.

# CHOICEST HYACINTHS

Splendid Assortments, and "How to Grow them."

WE have repeated our importations of last year which proved so attractive and popular with our customers, and have secured an even better selection than before. This comprises many thousands of picked bulbs from a Holland Collector and Specialist of this favorite flower. These make up an unexcelled variety and a wide range of splendid colors.

FULL CULTURAL DIRECTIONS GIVEN BELOW.

## OFFER A

### ~ Best Named Hyacinths. ~

For flowering in pots or glasses. Picked bulbs of first size, double and single. Second size bulbs,  $1\frac{1}{2}$ c. less per bulb. (Mention Offer A in your order.)

Not Prepaid. Prepaid.

6 finest named kinds in		6 different shades	\$ .55	\$ .50
12 "	"	" 12 "	" ....	1.00 .90
25 "	"	" 18 "	" ....	1.90 1.75
50 "	"	" 25 "	" ....	3.75 3.50
100 "	"	" 35 "	" ....	7.50 7.00

Each kind will be separate and labeled, all of our selection from our list page 2.

## OFFER B

### Vaughan's Choicest Mixture.

For flowering in pots or glasses—a mixture from named sorts.

(Mention Offer B in your order.)

Not Prepaid. Prepaid.

6 fine bulbs, double and single in		6 shades	\$ .42	\$ .35
12 "	"	" 10 "	" ....	.80 .70
25 "	"	" 18 "	" ....	1.55 1.35
50 "	"	" 25 "	" ....	3.00 2.60
100 "	"	" 35 "	" ....	6.00 5.15

## OFFER C

### ~ Extra Bedding Mixture. ~

(Mention Offer C in your order.)

Not Prepaid. Prepaid.

6 fine bulbs, double and single in		6 shades	\$ .35	\$ .30
12 "	"	" 10 "	" ....	.60 .50
25 "	"	" 15 "	" ....	1.15 .95
50 "	"	" 20 "	" ....	2.20 1.80
100 "	"	" 25 "	" ....	4.10 3.50
250 "	"	" 25 "	" ....	10.00 8.50

## "JUST HOW TO GROW HYACINTHS."

CULTURE IN POTS.—The best soil to use is a compost of good fibrous loam with a liberal addition of leaf soil, sharp sand and well decayed cow manure. The whole should be well mixed and left to stand some time before use.

In potting leave the top of the bulb just exposed, and let the soil be moderately moist. The pots should then, at once be placed outdoors on a bed of wet ashes and covered with six inches of the same material or, good garden soil and left exposed to the weathers. When the bulbs are well rooted and about an inch of the top growth has been made, they may be removed indoors to force, first into a subdued light until the blanched foliage has attained its full green color, and then into the sunniest situation at command. Abundance of air, a moderately moist atmosphere and plenty of water at the roots is then necessary for early, well developed flower spikes. A dry or frosty atmosphere or a draughty situation will cause the flower buds to shrivel. Forcing should only be done gently, the temperature not exceeding 70 degrees.

If finely developed trusses and rich colors are preferred to very early flowers the Hyacinth should not be forced, but be left outdoors longer to develop, and then be removed to a mild temperature like that of a cool greenhouse, a sitting room window or frame, always selecting the sunniest and most genial situation.

CULTURE IN GLASSES.—Pure clear water should be used with a piece or two of charcoal in it to keep the water sweet. The base of the bulb should at all

times just touch the water. Place the glass in a cool dark place to encourage root growth. When the glasses are nearly full of roots admit them to the light gradually, and then to the sunniest place at command till the flower spikes are well developed. Avoid a too dry or frosty atmosphere or a draughty situation, as such conditions will often cause the flower buds to shrivel up.

CULTURE IN BEDS AND BORDER.—For its successful cultivation in the open air, the Hyacinth likes a light, rich soil, which should be dug to a depth of 18 inches previous to planting the bulbs, the addition of sharp sand being recommended if the soil is very heavy. The ground should also be effectually drained. After digging the ground well, remove the top soil to a depth of 4 inches, and set the bulbs at equal distances of 6 to 8 inches apart, then cover them with the soil which had been removed and press and level the same with board or plank. From the time of their appearing above ground in spring they require little or no attention, but a slight covering of small litter or straw may be used with advantage in very exposed situations in severe weather.

AFTER TREATMENT.—When done flowering, cut down the flower and continue watering a lowing the leaves to return their nutriment to the bulb. When the leaves have become dry, the plant should be taken up and dried in some sunny place for a week or so, and then stored in dry sand for next season. Bulbs that have flowered in water are only suit b'e for planting out of doors afterwards.

# \* A WINTER GARDEN \*

of Beautiful and Fragrant Flowers in Great Variety.



THESE Winter and Spring flowers known mostly as Dutch Bulbs, and comprising Hyacinths, Narcissus, Tulips, Crocuses, Lilies, etc., can be started in pots in September and October and will produce flowers of delightful fragrance and brilliant colors continuously all Winter long.

## A Spring Garden

in the most gay and varied colors may be grown from the same classes of dormant bulbs if planted out of doors in the Autumn; they are perfectly hardy. Our book "Flower Bulbs," which we send free for the asking with all orders amounting to \$1.00 and upwards, gives complete and reliable instructions how to plant and grow them.

## Fall Planting

is desirable for many plants, fruits and flowers, making often a gain of nearly a year in their flowering and fruiting season. Asparagus, Strawberries, Pæonies, Lilies and many others which we refer to herein should be planted in the Fall.

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### BUSINESS RULES—PLEASE READ CAREFULLY.

**How to Order.**—We do not send seeds, Plants or Bulbs C. O. D. Write your Name, Post Office, State and your Express Office plainly with black ink, on every order and every time you write to us. Give plain shipping directions; where none are given we use our best judgment, but it must beat your expense and risk.

**Prepaid.**—Prices given in this catalogue usually include prepayment by mail on **Bulbs and Plants** (not tools, unless so marked) **except** where offered "by express," or marked otherwise then the purchaser is to pay charges.

**Remember,** sometimes in the busiest season others may have orders ahead of you, which must be filled in rotation. Order early.

**Cost of Remitting.**—Our customers may select additional bulbs FREE, with every order of \$1.00 or more, to the amount of the cost of the money order, registered letter, or other remittance.

**Very Important.**—You can greatly aid us by using Order Sheet, as follows:

1. Place the quantity wanted before each article.
2. Use one line for each kind ordered.
3. As nearly as possible make out your list in the same order in which the goods are catalogued, beginning at the front.

**Prompt Delivery.**—If goods are not received in a reasonable time, send exact copy of order, date sent, stating amount of enclosure, kind of remittance (draft or money order) and the same will be investigated.

**How to Pay.**—Send cash with order (as we do not open book accounts for small amounts, and can only set it to value of money received) by New York or Chicago Draft, Registered Letter, Money Order, Express Order in any of these ways at our risk. Postage stamps in small amounts are taken as Cash, but they must be sent so they will not stick together. Registered letters are generally very safe and you can send that way from any postoffice and get our receipt by return mail. **Postal Notes are not safe.**

**Errors.**—If stock is not as expected, compare with order, read catalogue rules carefully and if we are in the wrong write us at once, giving all particulars as in paragraph above, but do not complain to others until we have had a chance.

**Time of Sending.**—Not all Fall Bulbs are ready at the same time, but nearly all of the Dutch and French importations are in the store by September 15th. The following table gives approximate dates of arrival.

Sept. 1st, Lilium Candidum, Roman Hyacinths, Lilium Harrisii, Freesias, Paper White Narcissus. Sept. 15th, Hyacinths, Tulips and other Dutch bulbs, Callas. Oct. 20th, full supply of Lilies, Chinese Narcissus, Dahlias, Pæonies and Gladioli. Nov. 10th, Spirea and Lily of the Valley, new crop of Tuberoses.

Unless otherwise stated by our customers, we always forward such Bulbs as are ready on receipt of order, and the balance as fast as the different kinds arrive. If other arrangements are desired, please to so state at the bottom of the order.

**NEW YORK VAUGHAN'S SEED STORE.** 84-86 Randolph St., CHICAGO.  
14 Barclay Street, 204-208 W. Randolph Street.

SINGLE DUTCH HYACINTH  
GROWING IN WATER.

Our book, "Flower Bulbs," by E. E. Rexford, revised by J. C. Vaughan, contains full information on the culture of all kinds of bulbs; price, 25¢, or free if requested with orders of Bulbs or Roots from this catalogue amounting to \$2.00 at one time.

	Each Doz. 100
<b>Bouquet Royal</b> , pure, fine spike, late.	9 \$ 85 \$ 6 50
Jenny Lind, black eye, early	11 1 10 7 00
<b>La Desse</b> , pure early	11 1 10 7 00
<b>La Tour d'Auvergne</b> , large spike	10 1 00 6 75
<b>La Virginite</b> , blush, late	9 85 5 75
Nanette, pure early	10 1 00 6 75
Ne Plus Ultra, black centre, late	10 1 00 6 75
<b>Lord Castlereagh</b> , purple centre, late	9 85 6 50
Prince of Waterloo, pretty flower	12 1 20 8 25

## DOUBLE WHITE.

	Each Doz. 100
<b>Blocksberg</b> , porcelain, medium early	9 85 6 00
Crown Prince of Sweden, violet	9 85 6 25
Garrick, clear, large spike, medium early	11 1 10 7 25
<b>General Anteck</b> , light, forces early	9 85 6 50
Mignon von Dryfhout, indigo, medium early	11 1 10 7 25
Prince Saxe-Weimar, semi-double, late	9 85 6 00
<b>Rembrandt</b> , light, large spike, very late	9 85 6 50
<b>Chas. Dickens</b> , early	11 1 10 7 00
Prince Albert, dark, very early	11 1 10 7 00

## DOUBLE BLUE.

	Each Doz. 100
<b>Blue</b> , all shades	6 \$ 55 \$ 4 00
<b>Light Blue</b>	6 55 4 00
<b>Red and Rose</b>	6 55 4 00
<b>Rose</b>	6 55 4 00
<b>White</b> , all shades	6 55 4 00
<b>Pure White</b>	6 55 4 00
<b>Yellow</b>	6 55 4 00
<b>All Colors</b>	50 3 85
<b>Double and Single, all colors mixed</b>	50 3 85

## MIXED HYACINTHS.

Our Mixed Hyacinths are excellent for culture in the house or for growing in beds on the lawn. They are particularly adapted for cutting. For ribbons or other effects secured by contrasts of color we recommend the separate shades, such as light blue, rose, etc., which are greatly adapted for ribbon beds, etc. We recommend the Single varieties as they usually produce finer spikes of bloom than the Double. **Note greatly reduced prices.**

## SINGLE VARIETIES.—MIXED.

	Each Doz. 100
<b>Blue</b> , all shades	6 \$ 55 \$ 4 00
<b>Light Blue</b>	6 55 4 00
<b>Red and Rose</b>	6 55 4 00
<b>Rose</b>	6 55 4 00
<b>White</b> , all shades	6 55 4 00
<b>Pure White</b>	6 55 4 00
<b>Yellow</b>	6 55 4 00
<b>All Colors</b>	50 3 85
<b>Double and Single, all colors mixed</b>	50 3 85

PICKED  
BULBS.

## Named Hyacinths.

If to go by mail add at the rate of 20 cents per doz. for postage; price on single bulbs include postage.

The Hyacinth has been a popular flower for centuries, and no flower among all those that help to make the garden bright is deserving of greater popularity, all things considered. It has the merit of being beautiful and easy of cultivation—qualities which commend it to the amateur strongly. It blooms early in the season, remains a long time in flower, ranges through so many shades of rich and delicate colors that all tastes can be suited in this direction; they have a delightful fragrance which is sufficient in itself to make it a general favorite. It is without doubt the best of our hardy spring bulbs for general use. Varieties marked thus (\*) are best for growing in water. The single varieties usually give best satisfaction.

## SINGLE RED AND ROSE.

	Each Doz. 100
<b>Cosmos</b> , dark rose, large spike, late	11 \$ 10 \$ 7 00
Fiancee Royal, bright red, late	9 85 6 50
* <b>Gertrude</b> , dark rose, medium early	10 1 00 6 75
<b>Gigantea</b> , blush, medium early	11 1 10 7 50
* <b>Lord Macauley</b> , soft red, late	11 1 10 7 50
<b>Marie Cornelia</b> , light rose, early	11 1 10 7 50
* <b>Norma</b> , pink, large spike, early	11 1 10 7 50
Queen Victoria, Alexandrina, dark red, late	10 1 00 6 50
* <b>Robert Steiger</b> , crimson, medium early	9 85 6 50
* <b>Baron van Tuyl</b> , rose, early	11 1 10 7 50
Grand Vainquer, rose, very early	11 1 10 7 50
Van Hoboken, rose, handsome flower	12 1 20 8 50
Roi des Belges, dark red, early	12 1 25 9 50
*Von Schiller, dark red, large spike	11 1 15 8 75

## SINGLE WHITE.

	Each Doz. 100
* <b>Alba Superbissima</b> , best for Easter	11 1 10 7 00
Blanchard, large, pure, early	11 1 10 7 50
* <b>Baroness van Tuyl</b> , early	9 85 6 50
Grandeur a Merveille, blush, late	9 85 6 50
Grand Vainquer, pure, early	11 1 10 7 00
*Grand Vedette, pure, large bells, very early	11 1 10 7 00
La Franchise, waxy white, late	9 85 6 50
* <b>La Grandesse</b> , pure, medium early	11 1 10 7 50
<b>Madam Van der Hoop</b> , late	11 1 10 7 00
Mont Blanc, pure, large spike, late	11 1 10 7 25
<b>Paix de l'Europe</b> , pure, late	9 85 6 50
Queen Victoria, pure, late	9 85 6 00
Voltaire, blush, late	9 85 6 50
Pavillion Blanc, white	9 85 6 50

## DOUBLE RED AND ROSE.

	Each Doz. 100
<b>Bouquet Royal</b> , pink, fine spike, late	9 \$ 85 \$ 6 50
<b>Bouquet Tendre</b> , carmine	8 80 5 75
Czar Nicholas, rosy blush, late	9 85 6 00
<b>Gladstone</b> , pink, late	11 1 10 7 25
<b>Grootvorst</b> , rose, medium early	9 85 6 50
La Esperance, rosy red, late	9 85 6 50
Lord Wellington, pink, large spike, early	11 1 10 7 50
<b>Noble par Merite</b> , rosy red, early	9 85 6 25
Prince of Orange, semi-double, medium early	11 1 10 7 00
Princess Alexandria, dark rose, late	8 8 5 50

## DOUBLE YELLOW.

	Each Doz. 100
<b>Bouquet d'Orange</b> , good spike, late	10 1 00 7 00
<b>Goethe</b> , light, fine spike, medium early	9 85 6 00
William III, orange, late	11 1 10 8 00
<b>Sunflower</b> , buff, fine spike	11 1 10 7 75

## DOUBLE VARIETIES.—MIXED.

	Each Doz. 100
<b>Blue</b> , all shades	6 \$ 55 \$ 4 00
<b>Light Blue</b>	6 55 4 00
<b>Red and Rose</b>	6 55 4 00
<b>Rose</b>	6 55 4 00
<b>White</b> , all shades	6 55 4 00
<b>Pure White</b>	6 55 4 00
<b>Yellow</b>	6 55 4 00
<b>All Colors</b>	50 3 85
<b>Double and Single, all colors mixed</b>	50 3 85

## SINGLE YELLOW.

	Each Doz. 100
Alida Jacoba, medium early	11 1 10 7 00
<b>Hermann</b> , orange buff, late	9 85 6 00
* <b>Ida</b> , pure, early	11 1 10 7 50
<b>King of Yellows</b> , extra, medium early	12 1 25 8 50
<b>La Citroniere</b> , lemon, late	11 1 10 7 00
<b>La Pluie d'Or</b> , bright, medium early	9 85 6 00
L'Or d'Australie, pure, late	11 1 10 7 50
William III, orange buff, late	11 1 10 7 50



SINGLE DUTCH HYACINTH.

# ROMAN HYACINTHS.

If to go by mail add 8c. per doz. for postage.

There are no more popular winter blooming bulbs than Roman Hyacinths. They are certain to bloom in the house and may easily be grown by the most inexperienced in pots of soil, or in water and pebbles. They are not hardy north of Washington, D. C. Planted in September, they flower at Christmas or sooner; a succession can be kept up by potting bulbs at intervals. When the bulbs are planted, set away in a cellar or other cool location until vigorous root growth has been made. Three bulbs can be planted in a 5 inch pot. Most bulbs throw up from 3 to 5 spikes of bloom, which do not all come to perfection at the same time, thus prolonging the flowering season. We import Roman Hyacinths in immense quantities from the South of France, which enables us to supply the very best bulbs. The flowers are dainty, graceful and delightfully fragrant.

	Each	1/4 Doz.	Doz.	100
<b>Single, Blue.....</b>	\$ .04	\$ .12	\$ .35	\$ 2.65
" White, first-size bulbs.....	4	12	35	2.75
" White, extra large bulbs.....	6	16	50	3.50
" Yellow.....	7	20	60	4.25
" Light Pink.....	4	12	33	2.35
" Dark Rose.....	4	12	33	2.35

SPECIAL OFFER: 1 each of above 5 colors, 20c.; 3 each, (15 bulbs) 60c., postpaid

## Pompon or MINIATURE HYACINTHS.

ALSO CALLED "DUTCH ROMANS."

These little Hyacinths are excellent for growing in pots, pans or boxes; they bloom very freely, often producing 3 or 4 spikes. They are equally desirable for culture out-doors; they should be planted closer together than the "Dutch Hyacinths." Culture is the same as recommended for the Roman Hyacinths, and they come into bloom after the Roman Hyacinths are exhausted. The flowers are red, white and blue in various shades.

Price: White, Red, Rose and Blue or all colors mixed,

Each, 4c.; 3 for 11c.; doz., 33c., by mail, 40c. Per 100, by express, \$2.10.

DON'T FAIL TO INCLUDE IN YOUR ORDER SOME OF THE NEW PURE WHITE FREESIAS, "THE BRIDE." See front cover for description.

### OUR SPECIAL

## "White Dove" Collection FOR CEMETERY PLANTING.

178 choice Bulbs for only \$2.00, postpaid.

One-half of this Collection, \$1.15, postpaid.

We frequently have call for a collection of bulbs suitable for planting on a grave, such as will live for a number of years without any particular care and produce a profusion of flowers every spring. To meet this demand we have made up the very fine assortment of varieties mentioned below, and offer the collection of 178 bulbs for \$2.00, postpaid. These are all first size, large flowering bulbs, and will give excellent satisfaction. Full cultural directions with each order.

### "WHITE DOVE" COLLECTION.

**100 Crocus**, large flowering, white.

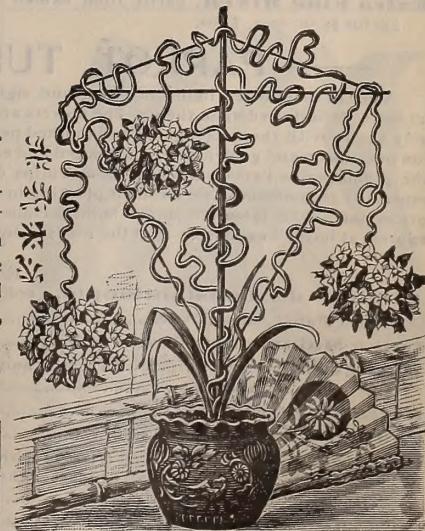
**25 Tulips**, single, large flowering, pure white.

**25 Narcissus**, Poeticus (Pheasant's eye). This is one of the most fragrant of Daffodils; beautiful white flowers with small yellow cup, with a distinct rim of scarlet.

**12 Hyacinths**, pure white, single large flowering.

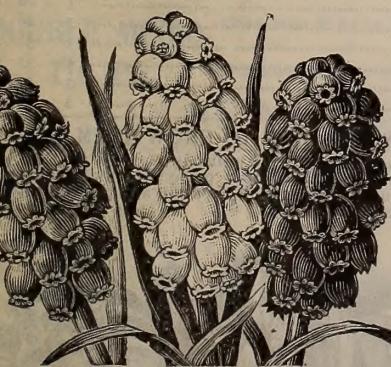
**12 Snowdrops**.

**4 Lilium Candidum**. The old fashioned pure white Garden Lily, also known as Easter Lily and Annunciation Lily. One of the hardest. Flowers, snow-white, with heavy yellow stamens and sweetest fragrance. Bears from five to twenty blossoms.



### TWINING HYACINTH.

A rare and curious bulbous plant suitable for winter blooming and for out door culture. It throws up a flower stem which twines like a vine and produces at the end of the same large umbels of pretty rose colored flowers. Each, 10c. for 25c.; doz., \$1.00, postpaid.



### GRAPE HYACINTH.

Not nearly as well known as it should be. It is perfectly hardy and increases rapidly. The flowers consist of little bells so arranged on the spikes as to resemble a bunch of grapes. It has been called the "Blue Lily of the Valley" and when planted with that popular flower the effect is very pleasing. Is very valuable for winter blooming in pots; 5 or 6 bulbs in a 5 inch pot.

**Sky Blue**, 2 for 5c.; 12 for 17c.

**Snow-White**, new, very pretty, 3 for 10c.; doz., 27c.

SPECIAL OFFER: We will send three each of the above for 15c., postpaid.



SINGLE TULIPS

# Single Early Tulips.

The Tulip, for its gorgeous colors, its pretty cup-like shape and its early flowering, is one of the oldest Spring favorites; planted in beds or borders, it is unrivaled for brilliant effect. As with most flowers, single varieties succeed better than double when forced; for this purpose they should be planted as early as possible; they need not be buried in ashes or earth like the Hyacinth, but should be kept in a cool, dark place until well started, after which the same treatment applies to both. The single dwarf Duc Van Thol varieties are especially adapted to forcing, and can be brought into bloom by January 1. For out-door planting, bulbs should be selected which will bloom about the same time, and as with the Hyacinth, they will be more effective if massed in contrasting colors. Plant four to six inches apart and four inches deep, and cover with a few inches of straw or dry leaves. When in bloom the bed should be protected from rain or frost. Our list comprises the choicest sorts for general culture. The number preceding the name of the variety denotes the height in inches, an advantage that will commend itself to those of our customers who plant borders, etc., requiring uniformity in this respect, while the letters **a** and **b** indicate their earliness of bloom; the **a**'s flower together and are the earliest, the **b**'s flower together but are somewhat later.

*The prices for single bulbs, include postage paid by us; the dozen and 100 rates are by express at purchaser's expense. 25 bulbs at 100 rate. If by mail add at the rate of 5 cents per dozen for postage. We supply 4 of a kind at the dozen rate.*

	Each Doz. 100	Inch.	Each Doz. 100
7b <b>Artus</b> , brilliant scarlet, large flower.....	3 \$ 20 \$1 00		
7b <b>Belle Alliance</b> , (Waterloo) scarlet, yellow base, choice for bedding.....	3 25 1 35		
7b <b>Bizard Verdikt</b> , yellow and red striped.....	3 20 1 10		
8a <b>Canary Bird</b> , fine clear yellow, for forcing or bedding.....	3 30 2 10		
9b <b>Chrysolora</b> , bright yellow, fine cup, for forcing or bedding	3 30 1 75		
6b <b>Cottage Maid</b> , white, edged 10s <sup>2</sup> , yellow base, very fine..	4 35 2 25		
7a <b>Couleur Cardinal</b> , brilliant crimson, splendid bedder	3 25 1 60		
8b <b>Couleur Ponceau</b> , rosy red and white.....	3 20 1 00		
7b <b>Crimson King</b> , scarlet, yellow base, extra good bedding sort.....	3 20 1 00		
9b <b>Duchess of Parma</b> , orange red, bordered yellow.....	3 20 1 25		
6a <b>Duc de Berlin</b> , brilliant clear scarlet, edged yellow, good forcing.....	3 30 2 15		
6b <b>Duc 'dOrange</b> , orange and yellow.....	3 20 1 10		
6b <b>Jagt von Delft</b> , white, good bedder.....	3 20 1 10		
9b <b>Kezers Kroon</b> , red and gold, large flower, extra good for both bedding and house culture.....	3 30 1 75		
7b <b>Lac Van Rhijn</b> , violet, bordered white, very distinct....	3 20 1 10		
9b <b>L'Immaculee</b> , pure white.....	3 20 1 25		
8b <b>President Lincoln</b> , light violet.....	3 25 1 60		
		Inch.	
		<b>Pottebakker</b> , pure white, large flower, fine forcing.....	3 \$ 30 \$2 25
		8a " bright scarlet, large flower.....	3 30 1 85
		8a " yellow, feathered crimson, large flower.....	4 35 2 35
		<b>Princess Mary Anne</b> , rosy white, extra large.....	3 30 2 00
		<b>Princess of Austria</b> , fine orange red, sweet scented, extra forcing, a grand Tulip.....	4 40 2 85
		<b>Proserpine</b> , rich carmine rose, fine forcing.....	4 40 2 75
		<b>Purple Crown</b> , dark red, variegated foliage, fine.....	3 20 1 25
		<b>Queen Victoria</b> , (La Reine) white, shaded rose, very fine for forcing and bedding.....	3 20 1 10
		<b>Rembrandt</b> , scarlet, large, fine flower.....	3 30 2 25
		<b>Rosa Mundi</b> , dark pink feathered white, fine flower.....	3 30 1 75
		<b>Rose Gris de Lin</b> , white shaded rose, extra.....	3 30 2 25
		<b>Rose Luisante</b> , splendid large satiny rose flower.....	5 45 3 50
		<b>Silver Standard</b> , white, crimson striped.....	3 25 1 50
		<b>Thomas Moore</b> , orange, sweet scented.....	4 35 2 25
		<b>Van der Neer</b> , violet purple, extra fine.....	3 20 1 25
		<b>Van Vondel</b> , deep cherry red, white feathered large.....	3 30 1 75
		<b>Vermilion Brilliant</b> , dazzling color, fine for bedding.....	4 35 2 60
		<b>Wouverman</b> , purple.....	3 20 1 10
		<b>Yellow Prince</b> , pure yellow, the best yellow for forcing	3 30 1 85

## Single Early Mixed Tulips.

Our mixtures are made up from large flowering, bright colored varieties of uniform height and which bloom at the same time.

**Fine Mixed**, for bedding, per doz., 15c.; 100, 90c.; 250 for \$2.00; 1000, \$6.50.

**Extra Fine Mixed**, partly from named sorts, per doz., 20c.; 100, \$1.10;  
250 for \$2.50; 1000, \$7.00.

## → PARROT TULIPS. ←

A bed of these when in bloom is a grand sight, paying a hundred fold for all the care bestowed upon them. The flowers are of great size and are remarkably showy with their corrugated and toothed petals. The color is a combination of crimson and golden yellow, streaked and edged with green, resembling the plumage of a Parrot, whence these Tulips derive their name. They are especially recommended for out-door planting in large quantities. We make the prices low. The rates for single bulbs include postage; price per 100 is by express at buyer's expense. 25 at the 100 rate, by mail, 5c. per doz. for postage.

	Each Doz. Doz. 100
<b>Admiral de Constantinople</b> , red, tipped orange, large flower.....	3 10 25 \$1 60
<b>Lutea Major</b> , bright yellow, large flower.....	3 10 25 1 60
<b>Markgraft</b> , yellow, striped with scarlet and green.....	3 10 25 1 60
<b>Perfecta</b> , yellow, striped red.....	3 10 25 1 60
<b>Couleur Cafe</b> , brown and yellow.....	3 10 25 1 60
<b>Cramoiste Brilliant</b> , deep crimson with large black star shaped centre, finest of the Parrot varieties.....	3 15 30 2 25
<b>Superfine Mixed</b> .....250, \$3.00; 1000, \$10.50; 3 10 25 1 50	

**SPECIAL OFFER:** 12 Parrot Tulips, 2 each of six varieties,  
postpaid to any address for 25 cents.

SEE OUR SPECIAL COLLECTION OFFER FOR  
CEMETERY PLANTING ON PAGE 3.

	Each Doz. 100
<b>Pottebakker</b> , pure white, large flower, fine forcing.....	3 \$ 30 \$2 25
8a " bright scarlet, large flower.....	3 30 1 85
8a " yellow, feathered crimson, large flower.....	4 35 2 35
<b>Princess Mary Anne</b> , rosy white, extra large.....	3 30 2 00
<b>Princess of Austria</b> , fine orange red, sweet scented, extra forcing, a grand Tulip.....	4 40 2 85
<b>Proserpine</b> , rich carmine rose, fine forcing.....	4 40 2 75
<b>Purple Crown</b> , dark red, variegated foliage, fine.....	3 20 1 25
<b>Queen Victoria</b> , (La Reine) white, shaded rose, very fine for forcing and bedding.....	3 20 1 10
<b>Rembrandt</b> , scarlet, large, fine flower.....	3 30 2 25
<b>Rosa Mundi</b> , dark pink feathered white, fine flower.....	3 30 1 75
<b>Rose Gris de Lin</b> , white shaded rose, extra.....	3 30 2 25
<b>Rose Luisante</b> , splendid large satiny rose flower.....	5 45 3 50
<b>Silver Standard</b> , white, crimson striped.....	3 25 1 50
<b>Thomas Moore</b> , orange, sweet scented.....	4 35 2 25
<b>Van der Neer</b> , violet purple, extra fine.....	3 20 1 25
<b>Van Vondel</b> , deep cherry red, white feathered large.....	3 30 1 75
<b>Vermilion Brilliant</b> , dazzling color, fine for bedding.....	4 35 2 60
<b>Wouverman</b> , purple.....	3 20 1 10
<b>Yellow Prince</b> , pure yellow, the best yellow for forcing	3 30 1 85

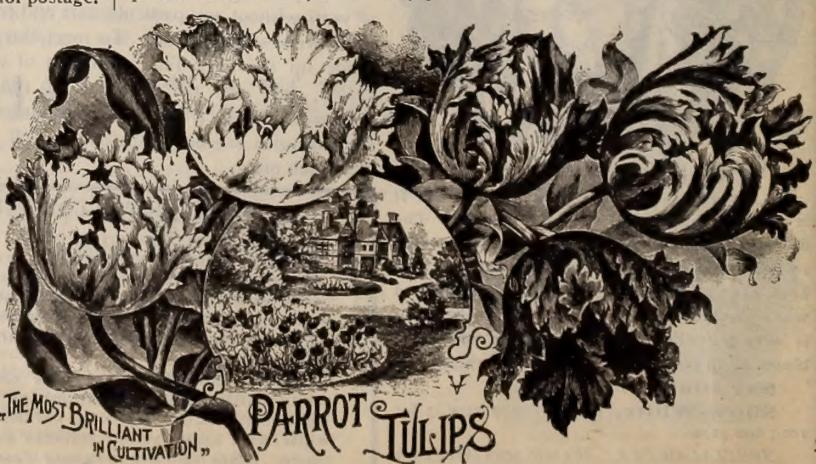
## Duc Van Thol Tulips.

These are particularly good for forcing and pot culture, blooming very early and of dwarf habit.

	Each Doz. 100
<b>Gold Striped</b> .....	3 20 1 15
<b>Rose</b> .....	3 25 1 60
<b>Scarlet</b> .....	3 20 1 10
<b>Vermillion</b> .....	3 20 1 15
<b>White</b> , true.....	3 30 2 25
<b>Yellow</b> .....	4 35 2 40
<b>Crimson</b> .....	3 20 1 16
<b>Red and Yellow</b> .....	3 20 1 10

## FLOWER BULBS AND HOW TO GROW THEM.

The entire field of flowers produced from bulbs is covered in this work giving as it does among other things, the proper period at which they should be procured and planted, the most suitable soil, location and position of beds, protection in winter, etc. Price; 25 cents.



# DOUBLE — EARLY TULIPS.

Double Tulips have massive flowers of brilliant and beautifully diversified colors, and are very effective in beds on lawns, terraces, etc. Planted in groups of five or more, they are very attractive. The varieties marked "early" are valuable for bedding with the early single Tulips as they flower about the same time, and carry on the succession to the "late"

Double Tulips. By a judicious selection, therefore, a display of brilliant colors may be maintained in the garden for a long period. In beds or large masses, Rex Rubrorum, scarlet, assorted with La Candeour, white, produces an unrivaled effect in the spring flower garden. Double Tulips are also very good for pot culture treatment same as for Dutch Hyacinths. See inside cover page.

Inch. Each Doz. 100

6 <b>Admiral Kingsbergen</b> , red, and yellow, "late".....	3	30	\$1 65
6 <b>Blanc Borde Pourpre</b> , purple, white edge, "late".....	3	25	1 40
10 <b>Crown of Gold</b> , large flower, rich golden yellow, shaded orange, very double .....	6	60	4 00
9 <b>Crown of Roses</b> , bright pink "early," .....	7	75	5 00
6 <b>Duc Van Thol</b> , red and yellow.	3	25	1 35
6 " " " scarlet.....	3	25	1 35
10 <b>Duke of York</b> , carmine, edged white .....	3	30	1 60
8 <b>Gloria Solis</b> , brown and gold, "early".....	3	30	1 60
8 <b>Imperator Rubrorum</b> , bright scarlet, a brilliant color, "early".....	4	40	2 50
8 <b>Le Candeour</b> , best double white for bedding.....	3	25	1 40
7 <b>La Citadelle</b> , red, yellow bor- dered, large.....	3	30	1 75
5 <b>Lady Grandison</b> , carmine, large flower	3	30	1 75
9 <b>La Blason</b> , white tinged rose.....	5	45	2 80
6 <b>Murillo</b> , light rose.....	4	40	2 60
9 <b>Paeony Gold</b> , red and gold, "late".....	3	30	1 75
9 <b>Paeony Red</b> , red.....	3	30	1 60
8 <b>Purpur Kroon</b> , dark red.....	3	20	1 50
9 <b>Rex Rubrorum</b> , scarlet, fine.....	4	40	2 35
9 <b>Rosine</b> , semi double, white and rose.....	4	40	2 35
8 <b>Rose Blanche</b> , extra large, white.....	4	40	2 50
9 <b>Salvator Rosa</b> , white and deep rose, splendid forcer.....	6	60	4 00
8 <b>Tournesol</b> , red and yellow, "early".....	3	30	2 10
8 " yellow, "early".....	6	60	4 00
6 <b>Yellow Rose</b> , "late,".....	3	25	1 40

of any one kind, so it will pay you to club with your neighbors, combining



## DOUBLE TULIPS.

**WE SUPPLY ~**  
**25 at the 100 rate**  
their orders with yours.

DOUBLE MIXED TULIPS.	Double Early Varieties; fine mixture for bedding.....	Doz. 100	1000
	" " " extra fine mixture.....	20	\$1 00 \$7 50

Double Late Tulips, extra fine mixed..... 25 1 35 10 50

## NEW "DARWIN" TULIPS.

These splendid May-flowering Tulips are the grandest bedding Tulips in cultivation, growing 20 to 24 inches high, with strong stiff stems. All possible colors will be found in the mixture, many of which appear in no other Tulips. They vary from rose to deep red, light blue to deep violet purple, and from delicate brown to true BLACK. In our estimation the Darwins possess the highest present value of any class of bulbs for the garden, flowering when no other flowers can be seen.

**DARWIN TULIPS**, Fine Bulbs, Mixed, price, 3 for 15c.; 6 for 25c.; 12 for 40c., postpaid. 25 for 60c.; 100 for \$2.00, not prepaid.

## SINGLE LATE TULIPS.

These Tulips produce very large flowers, marked and variegated in the most singular manner. As their season of bloom follows the early sorts, they are valuable to keep up a continuous display and extend the season.

**BIZARRES**. Yellow ground, feathered crimson, purple or white. 3 for 10c.; doz., 25c.; 100, \$1.60; per 1000, \$11.00.

**BYBLOOMS**, Tall and brilliantly variegated; white ground, flaked lilac, purple or black. 3 for 10c.; doz., 25c.; per 100, \$1.60; per 1000, \$11.00.

**ROSES**, white ground, shaded rose, tall, very showy; bloom in May. Fine mixture, 3 for 10c.; doz., 30c.; 100, \$1.75; per 1000, \$11.50.

**Single Late Tulips**, all the above named varieties and many more in splendid mixture, 4 for 10c.; doz., 25c.; 100, \$1.35; per 1000, \$9.75.

## PEACOCK TULIP.

One of the finest Tulips for pot culture. It is the earliest Tulip to bloom and one of the grandest in cultivation. The flowers are very large and of a clear, transparent brilliant scarlet, with a golden band through three of its six petals and a large jet black center which is bordered with a pure golden yellow; the tips of the petals are white. A magnificent sort. Each, 10c.; 3 for 25c.; doz., 85c.

## VARIOUS ODD TULIPS.

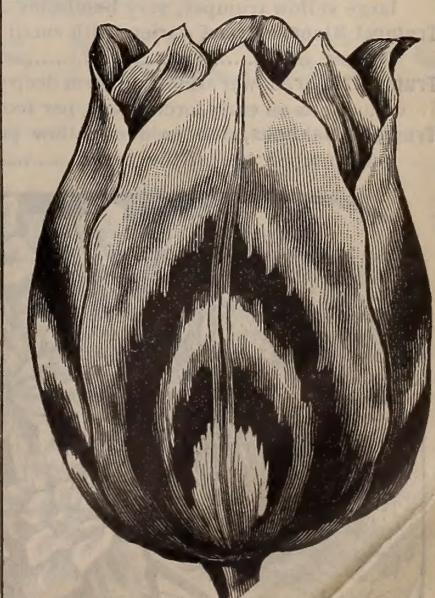
**Florentine**, fine yellow with a delicious violet like fragrance. Each, 5c.; doz., 50c.

**Gesueriana**, large brilliant scarlet, with blue center. 3 for 10c.; doz., 30c.; 100, \$1.75.

**Greigii**, the grandest of all Tulips. Brilliant orange, scarlet with yellow and black center, foliage spotted maroon. Each, 20c.; 3 for 50c.

**Oculus Solis**, crimson, with black center. Each, 5c.; doz., 45c.

PEACOCK TULIP.



# NARCISSUS OR DAFFODILS.

PERFECTLY HARDY--DELICIOUSLY FRAGRANT.

DAFFODILS are the most graceful and beautiful of all hardy Spring flowers. They succeed equally well indoor or in the open ground, and furnish an abundance of decorative material for the table, as the flowers, when cut in bud state, develop their full beauty more perfectly than if allowed to bloom on the plants. The bulbs require similar treatment to the Hyacinth (see inside cover page), both as regards culture and after treatment.

Our list is made up of the finest and most distinct varieties, and such as will give excellent results with ordinary culture.

## SINGLE TRUMPET DAFFODILS.

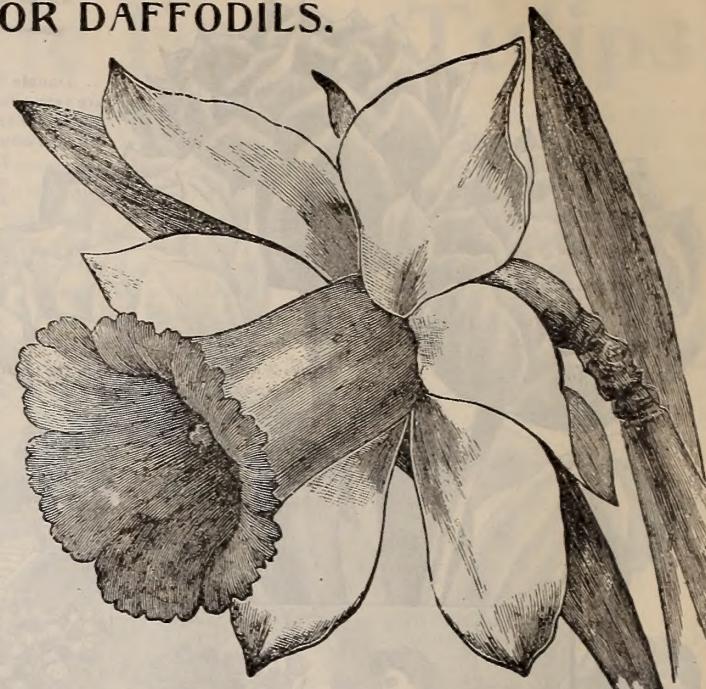
*Single Bulbs are sent free by mail. If desired by mail add at the rate of 10 cents per dozen for postage. We supply 6 Bulbs of any one kind at the dozen rate.*

Each.  $\frac{1}{4}$  Doz. Doz.

GOLDEN SPUR, extra large, rich yellow flower, devoid of green midrib. A famous English sort and one of the best. It is a very strong grower, and unsurpassed either for pot or garden culture.....	9	25	\$ .90
Emperor, a magnificent sort. The entire flower is yellow; trumpet of immense size and petals very broad; Foliage flat and massive.....	20	55	2 10
Empress, a fitting companion to the above. Perianth snow white, bold and erect, trumpet rich yellow. The best one of the two colored section.....	20	55	2 10

**HORSFIELDI.** The grandest Daffodil in cultivation, flowers of great size, perianth pure white, trumpet beautiful deep yellow. Very early bloomer. Each, 9c.;  $\frac{1}{4}$  doz., 25c.; doz., 90c.

WHITE "HOOP" PETTICOAT (C. Monophylla), snowy white flowers of exquisite beauty, can be bloomed for Christmas if potted in Sept.	5	14	50
Large Sulphur Hoop Petticoat (C. Citrina), very beautiful pale citron, early flowering.....	6	15	55
Ovballaris (Tenby Daffodil), very early; medium size, yellow, one of the best for forcing.....	6	15	60
Princeps, trumpet large, deep yellow.....	5	12	40
Henry Irving, broad yellow spreading perianth, large yellow trumpet, very handsome.....	12	30	1 10
Trumpet Minor, a dwarf variety with small yellow flowers.....	4	10	35
Trumpet Major, flower almost uniform deep yellow, valuable as an early forcing sort, per 100, \$1.00;	4	10	35
Trumpet Maximus, rich golden yellow perianth and trumpet, one of the best.....	9	25	90



**NARCISSUS BICOLOR HORSFIELDI.**

## SINGLE DAFFODILS WITH CUP-SHAPED FLOWERS....

Each.  $\frac{1}{4}$  Doz. Doz.

Biflorus, creamy white with yellow cup richly perfumed, two flowers on a stem.....	3	8	\$ .25
Cynosure, large handsome flowers; perianth primrose changing to white, cup yellow, stained orange. Much used for forcing.....	4	10	35
Incomparable, yellow perianth orange cup, large flower, varying in shades and form but all attractive and fragrant. Early blooming.....	4	10	30
Incomparable "Stella," a new variety of Incomparable with white perianth divided into six long petals, cup a light primrose yellow.	4	10	30
Poeticus (Pheasant's Eye), one of the most fragrant of the Daffodils; beautiful white flowers with small yellow cup with distinct rim of scarlet. Very hardy; charming in borders or clumps.....	100	\$1.00;	3
Poeticus Ornatus, improved Poeticus, blooms two weeks earlier; flowers larger and fuller, petals dazzling white. Six or eight bulbs grown in a 6 inch pot make a beautiful show when in bloom and last a long time.....	100	\$1.60;	4
Single Daffodils, mixed.....	100	\$1.50;	3
		8	25

## Sweet Scented Jonquils.

Jonquils are prized for their graceful sweet-scented flowers in or out of doors. For indoor decorations three to six bulbs should be grown in a 4 or 5 inch pot, and cultivated the same as the Hyacinth in all respects.

Campernelles, large, single, light yellow, fragrant, each, 3c.;  $\frac{1}{4}$  doz., 8c.; doz., 30c.; 100, \$1.75.

Single, sweet-scented, yellow, each, 2c.;  $\frac{1}{4}$  doz., 7c.; doz., 20c.; 100, \$1.35.

Double, rich golden yellow, large and full, each, 6c.;  $\frac{1}{4}$  doz., 16c.; doz., 55c.; 100, \$4.25.

**SPECIAL OFFER: 3 each of above 3 sorts for 25c., postpaid.**



POETICUS NARCISSUS. Doz., 20c.  
Perfectly hardy blooms year after year.



**JONQUILS.**

Early Ordering is Advantageous to You.

# Double Daffodils.

If to go by mail add at the rate of 10c. per dozen for postage.

All listed under this heading are entirely hardy and most useful for pot culture.

**Alba Plena Odorata**, the double Poeticus; fragrant snow white gardenia-like flowers, per 100, \$1.25; doz., 22c.; each, 3c.

**Incomparable** ("BUTTER AND EGGS"), pale yellow and orange, large fragrant flower, early bloomer, per 100, \$1.25; each, 3c.; doz., 25c.

**Orange Phoenix** ("EGGS AND BACON"), orange and straw. Good for pot culture and invaluable for cutting, per 100, \$3.00; each, 4c.; doz., 40c.

**Silver** (Sulphur) **Phoenix**, very large flowers of pale creamy white shading to primrose, each, 15c.; doz., \$1.60.

**VON SION**.—The grand old-fashioned double yellow Daffodil. Very hardy outside and blooms freely in pots in the house. Everybody should plant this one, sure to bloom anywhere and everywhere, per 100, \$2.00; each 3c.; doz., 30c.

Double Daffodils, mixed, 3 for 6c.; doz., 20c.; 100, \$1.35.

## CHINESE SACRED LILY OR JOS FLOWER.

This is a species of Polyanthus Narcissus annually imported from Northern China, and prized for the abundance of flowers. Produces very large bulbs, measuring from 12 to 18 inches in circumference, which throw up from 5 to 10 flower spikes, bearing clusters of large, perfect waxy white blossoms with yellow center of a most delicious fragrance. They grow well in pots in a light and sandy soil, but the most successful way of cultivating is as the Chinese do—in water. Flowers freely and can be planted at any time from October until March. It seldom fails, even with the most careless cultivators and, taken all in all, the bulb is like the nation from which it comes, a remarkable one.

**Price, Large Selected Bulbs.** Each, 12c., 3 for 30c.; doz., \$1.15. If to go by mail, add 3c. per bulb or 35c. per dozen for postage.

## MAMMOTH BULBS.

We have secured again this year a limited number of these very large bulbs, which until recently were not permitted to be exported, but were sent to Pekin for the use of the richer classes—we advise early orders to secure them. If sold out of Mammoth Bulbs we shall send selected bulbs for the amount of remittance unless specified otherwise by our customers.

**Price.** 20c. each; 3 for 55c.; doz., \$2.00. If to go by mail, add 5c. per bulb for postage.



CHINESE SACRED LILY.

## POLYANTHUS NARCISSUS.

If to go by mail add at the rate of 20 cents per dozen for postage.

These varieties all bloom very early, the flowers are borne in bunches or clusters on a single stem, and are exceedingly fragrant, may be grown in bowls or glasses under same treatment as for the Chinese Sacred Lily, in fact, such varieties as **Double Roman** and **Grand Soleil d'Or** are sometimes sold under the name of **Double Chinese Lily** and **Golden Chinese Lily**. The Polyantha varieties are also quite valuable for growing in pots—succeeding with every one under most ordinary conditions.

### NEW LARGE FLOWERING PAPER WHITE NARCISSUS.

This is a new strain, producing much larger flowers, and blooming somewhat earlier than the old variety. It is a desirable sort for house culture, a vigorous grower, and may be brought into bloom in a bowl of water in the same manner as the ever popular Chinese or Sacred Lily. The Paper White Narcissus flowers are fully as fragrant and produced in greater abundance than those of the Chinese Lily, but the spikes are not so numerous. Each, 5c.; 6 for 25c.; doz., 40c., postpaid. Per 100, \$2.00.

**DOUBLE ROMAN**, one of the best for winter blooming. It is like other Polyanthus but the flowers are double. The color is white with a delicate yellow center and the flowers are very fragrant. It is early and sure to bloom, each, 3c.; doz., 25c.

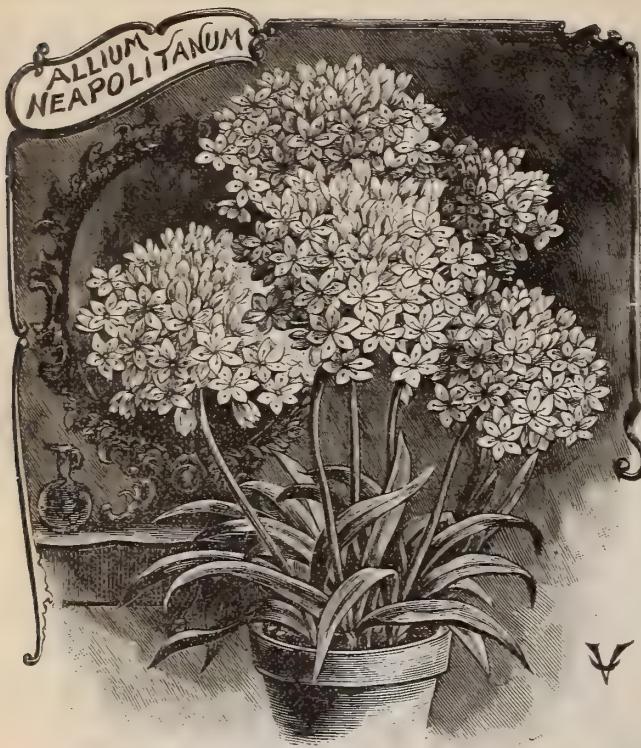
Each, Doz.

<b>Grand Monarque</b> , large white flowers, lemon yellow cup.	5	45
<b>Grand Soleil d'or</b> , yellow with deep orange cup.	4	40
<b>Gloriosa</b> , white with deep orange cup.	5	45
<b>Grand Primo</b> , white.	5	45
<b>PAPER WHITE</b> , pure white, bloom by Christmas.	per 100, \$1.60;	3 30
<b>Staten General</b> , white with pale yellow cup.	4	40
<b>Polyanthus Narcissus</b> , in finest mixture.	per 100, \$1.75;	3 25

**SPECIAL OFFER:** One each of the above 8 sorts for 30c.; 3 each for 80c., postpaid.



NARCISSUS PAPER WHITE LARGE FLOWERING.



## ANEMONES.

Very beautiful flowers, the single varieties being most brilliant. They are not quite hardy; planted from October to November they will bloom in the early spring but need covering with litter during winter for protection. Can also be had in bloom in April in the house by having a few pots in a cool room. Prices include postage.

Each. Doz.

<b>The Bride</b> , single, pure white, extra fine.....	2	22
<b>Solitaires</b> , single, scarlet.....	3	25
<b>Double Anemones</b> , mixed, rich colors.....	3	25

**Single Anemones**, mixed, many shades and varieties .....

2 20

**ANOMATHeca**, see Scarlet Freesia.

## ARUM SANCTUM,

### OR BLACK CALLA LILY OF THE HOLY LAND.

Produces flowers of immense size, often measuring 15 inches in length and of a velvety purplish black. We have secured a large stock direct from Palestine, and offer them at prices which will enable all to secure this grand variety.

**Mammoth Bulbs**. Each, 25c.; 3 for 60c.

**Medium Size Bulbs**. Each, 20c.; 3 for 50c.

**Ordinary Size Bulbs**. Each, 15c.; 3 for 40c.

Don't fail to add at least one of them to your order.

**Every one should take advantage of the cheap collections offered on last page.**



ARUM SANCTUM.

## SURPLUS BULBS

At Less Than Wholesale Prices.

Delivered in November and December.

When placing our orders with the growers of such bulbs as we import, it is almost an impossibility to estimate definitely the probable quantities we will dispose of, hence, before the close of the season we find our stocks of some varieties exhausted, usually however, we have a surplus of almost everything. To quickly dispose of such after our busy season is over, we will make the surplus stock into generous collections, worth at regular rates two or three times the price now charged. These assortments will not be sent until November and after, but orders will be received now, booked, and filled in rotation.

**Surplus Bulb Collection M**, for indoor culture, 50c., postpaid.

**Surplus Bulb Collection N**, for outdoor planting, 50c., postpaid.

**Surplus Bulb Collection O**, for indoor and outdoor planting combined. This collection contains such a liberal quantity that it is sent by freight or express at purchaser's expense. Price, \$2.00.

# Miscellaneous BULBS.

GENERAL LIST.

**BULB CULTURE.**—It would be impossible in the small space of a catalogue page to give adequate instructions on growing bulbous plants; we therefore publish a complete little book entitled *Flower Bulbs and their Culture*. This we supply entirely free with any order for bulbs amounting to \$2.00 if requested at the time of ordering, otherwise we send it for 25 cents, postpaid. Very valuable hints on all varieties in general cultivation are given.

*All Bulbs are sent by mail postpaid, unless noted.*

## ALLIUM.

**NEAPOLITANUM.**—It is not hardy, but for pot culture has few equals. Five or six bulbs put into a 5 inch pot in September will reward the cultivator in December or January with immense heads of white flowers which last several weeks. These flowers are free from the disagreeable odor peculiar to other Alliums, unsurpassed for bouquets. Large Bulbs, each, 30c.; 4 for 10c.; doz., 20c.

A bed of *Lilium Auratum* (*Gold Banded Lily of Japan*) planted in the fall will make a grand show the following spring See page 13.

## AMARYLLIS

**Johnsonii.** (*Spice Lily*)—Undoubtedly one of the grandest bulbs for pot culture. The immense trumpet-shaped flowers which measure from six to eight inches across are borne on strong, fleshy flower spikes, and are of rich deep velvety crimson, each petal having a broad white stripe, contrasting beautifully with the deep red color.

We have imported this year from the Bermuda Islands a large stock of choice large bulbs which are sure to bloom and give genuine satisfaction. See illustration on back cover page. Large bulbs, each, 40c.; 3 for \$1.10.

**Belladonna Major.**—(*Belladonna Lily*) This is an autumn blooming variety of great beauty and fragrance; color delicate white, flushed and tipped with rose. The spikes bear from six to 10 flowers. Each, 30c.; extra large bulbs, 50c., postpaid.

**Equestris.**—(*Barbadoes Lily*) Broad petal of a soft salmon scarlet color, marked in the center with white bars which radiate from the white throat. Each, 20c.; 3 for 50c.

**Formosissima.**—(*Jacobæan Lily*) Beautiful trumpet-shaped flowers of a rich, dark scarlet; forces well and can be grown in water like Hyacinths. Each, 15c.; 3 for 35c.



BABIANAS.



AMARYLLIS BELLADONNA MAJOR.



BRODIAEAS. (Fire Cracker Plant.)

**BRODIAEAS.**

Bulbs from California having Lily-like flowers in umbels or clusters borne on slender but stout stems from one to two feet high. They are useful for winter blooming in pots, five or six in a five inch pot, or the dry bulbs can be kept over, planted out in spring and they will bloom freely in June or July. Prices in lude postage.

**THE FLORAL FIRE CRACKER.**

(B. CUCINEA.)

Those who admire unique and rare flowers will find them in this striking novelty. It is the most distinct of the Brodiæa family, specially adapted for a house plant. Flowers rich crimson with pea-green tip. Be sure to include this with your order—Each, 7c.; 3 for 20c.

**Vulgaris.**—(TWINING HYACINTH.) Old variety with delicate, rose colored flowers. When in bud the stem twines like a vine, often attaining a height of several feet before the flowers unfold. Each, 10c.; 3 for 25c.; dozen, \$1.00, postpaid.

**Mixed Brodias.**—Containing above and many other sorts in great variety of colors. 3 for 7c.; dozen, 20c.



CROWN IMPERIALS.

**Calochortus.**

Mariposa or Butterfly Tulips.

A remarkably brilliant class of California bulbs with flowers in the richest combination of colors and markings, well deserving the name Butterfly Tulip. Not suitable for outdoor planting except in the South and Pacific Coast, but for winter blooming in the house they give great pleasure. Four or six bulbs are recommended for use in a five inch pot or box of suitable size. They are very easily grown, cared for in the same manner as Hyacinths in pots. When in bloom they are very showy and last a long time.

**Mixed Calochortus.**—Many beautiful sorts. 3 for 10c.; 6 for 15c.; dozen, 25c.



WHITE CALLA, ÆTHIOPICA.

**CHIONODOXA LUCILLAE.** GLORY OF THE SNOW.

We find these bulbs are becoming very popular, and deservedly so, for their lovely blue and white flowers, produced in long sprays, are seen in the garden among the earliest spring flowers—sometimes even before the snow has disappeared. The bulbs are perfectly hardy and make a fine display when planted in masses outdoors. For window culture they are fully as charming as Freesias. They bloom very early, commonly by Christmas. Selected bulbs, 4 for 10c.; dozen, 25c.; per 100, \$1.25, postpaid.

**CROWN IMPERIALS.**

An old time garden favorite. Once planted it will grow and increase from year to year. Plant as early as possible and about five inches deep.

**Crown Imperials,** mixed. Each, 12c.; 3 for 35c.; dozen, \$1.30, postpaid.



CALOCHORTUS.

**THE WHITE CALLA LILY.**

Everybody's Favorite.

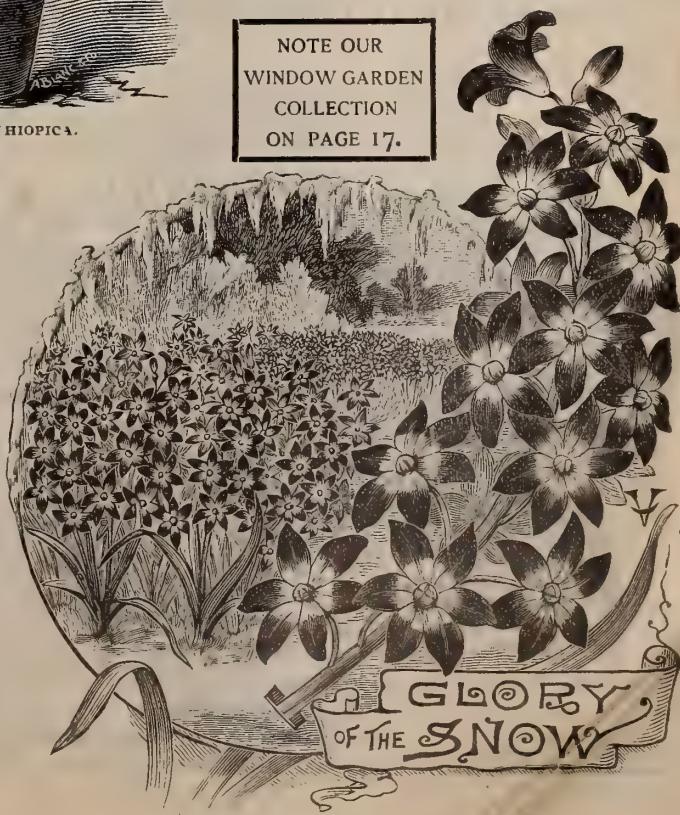
This plant is almost an evergreen in Southern California, where it flowers everywhere in gardens and hedges in great profusion. We have thousands of bulbs grown for us there, healthy, and perfect in every way. This is the well known *Lily of the Nile* with large white flowers and strong broad leaves. It is a plant particularly valuable for parlor culture, as it will prosper under the most trying treatment. Furnace heated air and stove gas do not injure it, nor is the plant susceptible to insect depredations. Let the plant rest during the summer, by turning the pot on its side and start it again in September by repotting in fresh soil. Splendid bulbs.

Each.	3 for
First Size.....	15 .....
Select Size.....	25 .....
Mammoth Size.....	40.....\$1.00

Postpaid.

The new "Bride" Freesia is the novelty of the year. See front cover page.

NOTE OUR  
WINDOW GARDEN  
COLLECTION  
ON PAGE 17.



GLORY  
OF THE SNOW



# CROCUS.

The hardiest and earliest of all Spring flowers, sending up its bright little flowers before the snow has fairly disappeared. They should be planted about  $2\frac{1}{2}$  inches deep and covered slightly during severe weather. Planted in clusters or borders, they are quite showy and increase from year to year. They will flower easily in the house, in moss, water or earth with the same treatment as for Hyacinths.

Crocus bulbs should be planted as soon as received. Try them on the lawn where they bloom before the grass can be cut.

Prices on dozen include postage. If desired by mail add at the rate of 15 cents per 100 for postage.

## Named Large Flowering Crocus. These are Mammoth Flowering Bulbs.

	Doz. 100	Doz. 100
<b>Albion</b> , fine striped, large.....	13 \$ 65	13 \$ 65
<b>Non Plus Ultra</b> , blue, white edge.....	13 65	13 45
<b>Mont Blanc</b> , pure white.....	13 65	13 65
<b>Queen Victoria</b> , pure white.....	13 65	13 75

## MIXED CROCUS.

<b>White</b> .....	11 45
<b>Striped and Variegated</b> .....	11 45
<b>Blue</b> .....	12 45
<b>Large Yellow</b> .....	11 45
All Colors in Splendid Mixture.....	1000, by express, \$3 00; 10

	Doz. 100	Doz. 100
<b>La Majestueuse</b> , violet mixed.....	13 \$ 65	13 \$ 65
<b>Cloth of Gold</b> , yellow.....	13 45	13 45
<b>Cloth of Silver</b> , light blue striped.....	13 65	13 65
<b>Large Flowering Mixed</b> , including Mammoth Yellow.....	13 75	13 75

## MAMMOTH YELLOW CROCUS.

We have imported from Holland expressly for our retail trade a quantity of Mammoth Yellow Crocus. The bulbs are extra large and will come into flower very early. With the usual cultivation flowers of enormous size and in great profusion will result. A clump of these Mammoth Crocus when in bloom makes an attractive sight. Each, 3c.; doz., 20c.; 10c., \$1 00, postpaid.

## ...CYCLAMEN...

This well known free blooming plant is only adapted for house culture in our climate, but for winter flowering it has few superiors. Plant in September or October in 5 inch pot, using rich, light soil, and water sparingly until it begins vigorous growth, after which it may be treated like other house plants. Will give more flowers with less trouble than almost any other bulb we list.

**Dry Bulbs** of the Giant Flowered type, mixed, each, 20c.; 3 for 55c.; 6 for \$1.00, postpaid.

## Bleeding Heart.

(*DIELYTRA SPECTABILIS*.)

One of the hardest and most elegant of Spring flowering plants with long, drooping sprays of heart-shaped pink and white flowers. Imported heavy roots, ready in October. By express, each, 15c.; doz., \$1 50. If by mail add 5c. each for postage



*DIELYTRA SPECTABILIS.*

*CYCLAMEN PERSICUM GIGANTEUM.*

**OUR SPRING CATALOGUE OF 1898** will tell the whole story in regard to gardening. Containing most beautiful lithographed cover and plates. All who send us an order from this catalogue will receive a copy of it as soon as issued—about January 15th. Please send us names of flower buying friends who order by mail

OUR COLLECTION OF PALMS AND FERNS FOR HOUSE AND CONSERVATORY DECORATION  
IS ONE OF THE LARGEST IN THE COUNTRY—SEE PAGE 17.

# FREESIAS.



FREESIAS.

## FRITILLARIA MELEAGRIS.

Curiously shaped and spotted flowers, borne in clusters like a Crown Imperial. Quite hardy outside, or may be flowered in the house. Grows about 1 foot in height. 4 for 10c.; doz., 25c., postpaid.

## IXIAS.

These are much admired for their brilliant colors and graceful flower stalks, which resemble a miniature Gladiolus. By reason of their curious forms and strange markings they attract attention, and wherever known they become universal favorites. For pot culture the treatment is the same as recommended for other bulbs. Set 6 in a 5 inch pot. They should be well protected if set outside.

**Extra Mixed**, each, 3c.; 4 for 10c.; 12 for 20c.; per 100, \$1.00, postpaid.

**GLOXINIAS.** One of the choicest bulbs for pot culture; flowers trumpet shaped, with the most beautiful tints and markings, shaded violet, rose, blue or crimson. Plant in a light soil of leaf-mold, sand and good loam; keep in a temperature of 60 to 80 degrees, and give an occasional watering with liquid manure during the growing period. Give plenty of light, but do not expose to the direct rays of the sun. Fine bulbs (ready by the end of October.)

Each, 15c.; 3 for 40c.; dozen, \$1.50, postpaid.

## OXALIS.

Most of these Oxalis flower from October until Christmas, and later. They are very pretty, of easy culture, requiring only a good, somewhat peaty soil, with considerable light, under which treatment they will succeed well. Put 4 or 5 in a 4 inch pot. Charming for window boxes or hanging baskets. The following prices include postage.

**Aloa**, White,  $\frac{1}{4}$  doz., 8c.; doz., 25c.; per 100, \$1.50.

**Bermuda Buttercup**, each, 4c.; 3 for 10c.; doz., 35c.

**Cernua Lutea**, single yellow,  $\frac{1}{4}$  doz., 8c.; doz., 25c.; per 100, \$1.75.

**New Double Yellow**, a most beautiful flower,  $\frac{1}{4}$  doz., 12c.; doz., 45c.; per 100, \$3.00.

**Hirta Rosea**, pink,  $\frac{1}{4}$  doz., 8c.; doz., 25c.; per 100, \$1.75.

**Versicolor**, red, violet, white,  $\frac{1}{4}$  doz., 8c.; doz., 25c.; per 100, \$1.75.

**Bo wi**, rosy red, yellowish base,  $\frac{1}{4}$  doz., 8c.; doz., 25c.; per 100, \$1.75.

**Deppei** (*Tetraphylla*, or 4 leaved), deep reddish purple violet, a strong grower, flowering well,  $\frac{1}{4}$  doz., 8c.; doz., 25c.; per 100, \$1.50.

**Oxalis**, mixed, many varieties,  $\frac{1}{4}$  doz., 8c.; doz., 18c.; per 100, \$1.25.

## ORNITHOGALUM ARABICUM, or Star of Bethlehem.

This is one of the most striking flowers. As an Easter decoration it is superb. Its immense spike of pure white flowers is simply grand. Bulb is large and solid closely resembling that of a Hyacinth, and requiring exactly the same culture. Flower spikes 18 to 24 inches high, strong and graceful, bearing an immense cluster of large, pearly white flowers, having a jet black center. The individual flowers keep perfect a long time before fading, so that for more than a month this grand spike of bloom is in full glory. It will grow in any position in any window. Plant in a 4 inch pot, or several in a large pot or box. For open ground culture they are also magnificent, and are hardy with slight protection. Each, 5c.; 3 for 12c.; doz., 40c. If by mail add 2c. per bulb, or 15c. per dozen for postage.

These are among the most popular bulbs for winter blooming in the conservatory or window garden. The bulbs seem small in comparison with the foliage and flower spikes; the flowers are delightfully fragrant and after being cut and placed in water remain in good condition a long time. Four to six bulbs may be planted in a four inch pot. Growth commences at once so they need not be set away to form roots like Hyacinths. By planting early and at intervals a succession of bloom can be had from Christmas on.

## NEW LARGE FLOWERING "THE BRIDE,"

Or Morris White.

### SEE ILLUSTRATION ON FRONT COVER.

A California seedling with large pure white, substantial flowers of delightful fragrance. Very free blooming. Each, 4c.; doz., 35c.; 100, \$2.50, postpaid.

**Refracta Alba**.—Pure white with small yellow blotch on lower petal, remarkably fragrant and very lasting. Each, 3c.; 5 for 10c.; 12 for 20c.; 100, \$1.00, postpaid.

### REFRACTA ALBA, Mammoth Bulbs. Supply Limited.

These are very fine bulbs and will produce much larger and more flowers than the ordinary size. Each season we are only able to secure a small supply of same, and orders should be sent in early to secure them. Each, 7c.; doz., 75c.; 100, \$5.00, postpaid.

### SCARLET FREESIA. (*Anomatheca Cruenta*.)

Admirably adapted to pot culture, does not bloom so early as the Freesias, but resembles them in bulb, foliage and habit; the flowers bright scarlet with deep blotsches. Each, 5c.; 3 for 12c.; doz., 45c.



OXALIS.

### GLADIOLUS FOR WINTER FORCING.

The varieties named below are invaluable for forcing in pots for winter bloom.

They are of very dwarf habit and three bulbs can be grown in a six-inch pot. The spikes of bloom are good, and the colors are soft and delicate. Bulbs ready in November. Cultivate same as Hyacinths,

**The Bride**.—**COLVILLI ALBA**. A light graceful variety having pure white flowers which are freely borne on long stems. It is coming more into favor as its good qualities become better known. Equally good for blooming in the open air. Each, 3c.; doz., 20c.; per 100, \$1.25, postpaid.

**Colvilli Rubra**.—Red, Each, 3c.; doz., 20c., postpaid.





ENGLISH IRIS

**DOUBLE RANUNCULUS**

Curiously formed, tooth-shaped bulbs which produce flowers, of handsome form and beautiful colors. Must be well protected to endure our Northern winters, but when in bloom they will repay the slight labor incurred. May also be grown in a cool room in the house. They are dwarf in habit and come in various shades and colors. Put 5 or 6 bulbs, claws down, in a 5 inch pot; culture as for Hyacinth.

**French.**—Large double flowers; rich colors.

**Persian.**—Very showy; double rose-shaped flowers.

**Turban.**—Hardier than the French Variety; Peony shaped.

Any of above 3 for 10c.; doz., 20c.; 100, \$1.00, postpaid.

**SPARAXIS.**

Bulbs from the Cape of Good Hope having flowers of the loveliest hue and remarkable shadings; they are tigereed, blotched and flushed in the most brilliant shades. Not hardy but do exceedingly well grown in the house under similar treatment to Freesias or Ixias. 4 for 10c.; doz., 20c.

**SPRING SNOWFLAKE. (*Leucojum Vernum*)**

A little later than the Snowdrop; very hardy little plants growing about nine inches high and bearing pure white flowers, somewhat resembling the Snowdrop. 3 for 10c.; doz., 30c., postpaid.

**SPIREA, or ASTILBE.** Ready for delivery in November.

If to go by mail add 10c. per clump.

**Astilboides Floribunda,** new, strong and more developed than the common Astilboides, from which it is a sport, produces large, pure white plumes and is unquestionably the best of the Spireas. Price, each, 20c.; doz., \$2.00.

**Japonica.**—It is perfectly hardy though extensively used by florists for forcing, for which purpose the clump should be potted in the autumn, kept from frost, put away from heat until growth begins, then give water and warmth. Each, 10c.; doz., \$1.00.

**Compacta Multiflora.**—An indispensable sort for furnishing cut-flowers and far in advance of the old Japonica. Of very compact growth, foliage brilliant green, flowers feathery white in great panicles. Strong clumps, each, 15c.; doz., \$1.50.

# LILY OF THE VALLEY.

## Fragrant and Lasting.

Ready for delivery in November.

For Forcing and Making Plantations out of Doors. So universally known as to require no description. For out door planting Clumps should be ordered. For winter blooming in the house choose Pips.

**CULTURE IN DOORS.**

A moist atmosphere and abundance of water is indispensable to success in forcing Lily of the Valley; therefore, to encourage simultaneously the development of flower and foliage, place the pots in a shady, damp situation, or invert a flower pot over the Crowns till the flower and the foliage have made some progress, then they are removed to a less shady situation, or the pot can be removed from top of Crowns. If they are grown in a dry atmosphere, or get an insufficient supply of water at the roots, the Crowns, technically speaking, go "blind."

**Culture out of Doors.** Same as for Dutch Hyacinths. See inside cover page.

**Large German Flowering Pips,** 6 for 20c.; doz., 35c., postpaid. By express at buyers' expense, 100, \$1.50; by mail, \$1.75.

**Large Clumps** for out door planting, each, 30c.; doz., \$3.00, by express. If wanted by mail add 10c. each for postage.

## IRIS. (FLEUR DE LIS.)

These grand old-fashioned flowers are now very popular. They are surprisingly beautiful and for cut-flowers are invaluable. An almost continuous succession of bloom may be kept in planting the following bulbous varieties.

**SPANISH IRIS.**—The earliest bloomer of all the Irises, and particularly recommended for culture in pots or in open ground as they are perfectly hardy. For pot culture use 5 or 6 bulbs to a 5 inch pot. Plant them abundantly in the garden. They will make a grand show. Mixed varieties in many colors, 4 for 10c.; doz., 25c.; per 100, \$1.00; by mail, \$1.25.

**ENGLISH IRIS.**—None the less attractive than the Spanish Iris, indeed, the colors of the large, handsome flowers are even richer; blue, lilac and purple shades prevail. The bulbs are hardy and are suitable for pot culture. Mixed varieties in many colors, 3 for 10c.; doz., 25c.; per 100, \$1.50; by mail, \$1.80. For Japan Iris, see page 19.

A bed of LILY OF THE VALLEY once planted flourishes with little attention, and gives a wealth of bloom every spring.



LILY OF THE VALLEY.



SPIREA ASTILBOIDES FLORIBUNDA.

# True Bermuda Easter Lily.

(Lilium Harrisii.)



BERMUDA EASTER LILY

## Selection of Hardy Lilies.

*Lily Bulbs are ready about Oct. 15, with exception of Harrisii, Candidum and Longiflorum which are ready now.*

A BED OF HARDY LILIES PLANTED IN THE FALL WILL  
MAKE A GRAND SHOW THE FOLLOWING SPRING.

### — AURATUM. GOLD BANDED LILY OF JAPAN.....

#### THE QUEEN OF LILIES.

Immense white flowers, each petal marked with a wide gold band spotted with maroon, very free blooming. It is considered by many the finest of them all. Fine Bulbs, 7 to 9 inches, each, 15c.; doz., \$1.50; extra large Bulbs, each, 25c.; doz., \$2.50. Mammoth Bulbs, each, 35c.; doz., \$3.50.

If wanted by mail add 2 cents each for postage.

**Canadense.**—This pretty Lily is one of our hardy native sorts, and bears a graceful stem of drooping, bell shaped yellow and red flowers. Each, 10c.; doz., \$1.00.

**Superbum.**—The finest of the native Lilies. Flowers bright orange red, thickly spotted with purple. Remarkable for immense height (often 8 feet), and profusion of bloom; a strong plant, bearing 20 to 30 flowers. Each, 10c.; doz., \$1.00.

**Tennifolium.** (Siberian Lily.)—A native of Siberia. One of the very hardest Lilies; flowers vivid scarlet, with petals reflexed; very showy and free flowering, blooming early in the spring. It is very easy of cultivation, requiring only a well drained, sandy soil. Each, 25c.; doz., \$2.50.

**Tigrinum.** (Single Tiger Lily.)—Very hardy native Lily; orange red, spotted with purple black. Is very pretty and bears 8 to 20 flowers when well established. Each, 10c.; doz., \$1.00.

**Tigrinum Flore Pleno.**—(Double Tiger Lily.)—Each, 12c.; doz., \$1.25.

### \* SPECIOSUM SORTS. **Hardy Japan Lilies....**

As a whole, the most desirable section of all Lilies for general cultivation. The varieties are distinct graceful, beautiful and free blooming. They are hardy, needing little protection, will grow and flower without special treatment.

**Album.**—Pure white and very fragrant. Each, 25c.; doz., \$2.50, by mail add 2c. each for postage.

**Rubrum.**—White ground, with band and spots of rose or crimson on each petal. One of the best Lilies. Each, 15c.; doz., \$1.50, by mail add 2 cents each for postage.

**EXTRA LARGE BULBS,** each, 25c.; 3 for 60c.; doz., \$2.50, by mail add 2 cents each for postage.

This mammoth white Trumpet Lily, with flowers 4 to 5 inches long, is the best of all Lilies for winter forcing and flowering, because its grand, trumpet shaped flowers which give forth a delicious perfume, are wonderfully beautiful and expressive. As a pot plant it is tall and stately; the spike is thickly studded with bloom, which are lovely as cut flowers, and keep a long time in water. For blooming at Christmas it is best to order bulbs as soon as you receive this catalogue. We are having these bulbs grown for us in Bermuda on special contract, our importations this season amounting to nearly half a million bulbs, and we are happy to say that a better lot of bulbs we have not had than this year. Our customers will readily see the advantage we have over others who do not buy as largely as we do; the immense quantity we handle enables us to pick out the finest bulbs for our retail trade and to offer them at lowest prices.

**PRICES:** First Sized Bulbs, which should produce from 5 to 8 flowers. Each, 12c.; 3 for 30c.; doz., \$1.00, postpaid. By express, doz., 85c.; 100, \$5.50.

**Extra Sized Bulbs,** which should produce from 8 to 15 flowers. Each, 16c.; 3 for 45c.; doz., \$1.50 postpaid. By express doz., \$1.25; 25 for \$2.00.

**Mammoth Bulbs,** which should produce up to 20 flowers on a stalk. Each 30c.; 3 for 80c.; doz., \$2.75, postpaid. By express, each, 25c.; doz., \$2.35.

### LILUM CANDIDUM.

The old fashioned pure white Garden Lily, also known as Easter Lily and Annunciation Lily. One of the hardiest. Flowers snow white, with heavy yellow stamens and sweetest fragrance. Bears from 3 to 20 blossoms. This variety must be planted in the early autumn to succeed well, as it makes its leaf growth at once after planting, and prepares itself for early blooming. The prices are lower than for many years, and bulbs very fine. Customers will do well to plant a bed of 25 or more for a permanent border.

Price, picked imported bulbs, each, 13c.; doz., \$1.35, postpaid. By express, 25 for \$1.40; 50 for \$2.25; 100 for \$4.25.

**Mammoth Bulbs,** extra heavy. Each, 25c.; 3 for 60c., postpaid. By express, each, 20c.; 3 for 50c.; doz., \$1.50; per 100, \$8.00.

### LILUM LONGIFLORUM

A variety bearing in clusters beautiful snow white trumpet shaped flowers of rare fragrance; almost exactly like Lilium Harrisii in shape, but blooms later, extending the season of that beautiful kind. Each, 15c.; 3 for 40c.; doz., \$1.25, postpaid. Mammoth Bulbs, each, 35c., postpaid.

**SPECIAL OFFER:** One each extra size bulb, Harrisii and Mammoth Candidum for 45c.; 3 each for \$1.25, postpaid.



LILUM CANDIDUM.



LILUM AURATUM. (Gold Banded Lily of Japan)

# TUBEROSES.

## EXCELSIOR PEARL.

This is a special Selection made for many years of the most dwarf double and full flowered spikes, and is exceptionally sturdy and dwarf in habit. Selling, as we do, over three-fourths of a million bulbs a year, we reserve for our catalogue trade very handsome and perfectly cured bulbs. Those who purchase our **Mammoth Excelsior Pearl Bulbs** will find them splendid bloomers.

Planted in pots and given a warm place in the house from October to January these bulbs will bloom during the winter. The flowers grow on stems 18 inches high, each stem bearing a dozen or more flowers. They are pure white, wax-like, double and very fragrant. The growing plant is fond of light and heat and should be given the sunniest place possible. The Pearl variety being dwarf is best suited for pot culture.

**Mammoth Bulbs.**—Especially selected for our retail trade; by mail, each, 7c.; 3 for 20c.; per doz., 60c.; by express, at purchaser's expense, each, 5c.; 3 for 15c.; doz., 50c.; 100, \$3.00.

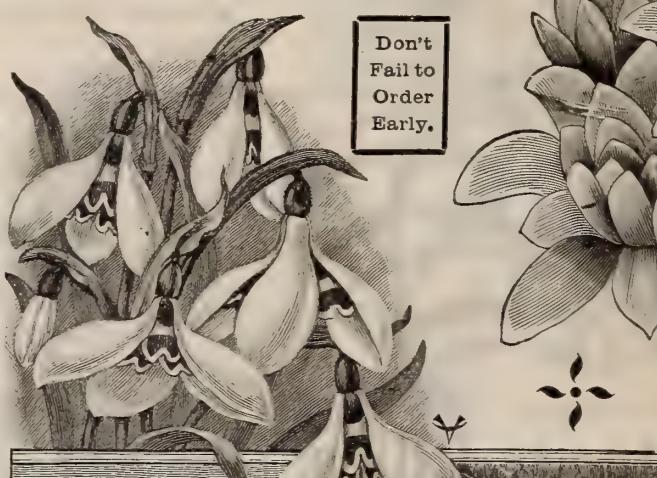
**First Size Bulbs.**—By mail, 3 for 12c.; per doz., 40c.; by express, 3 for 10c.; doz., 35c.; 100 \$2.00.

## SCILLA SIBERICA.

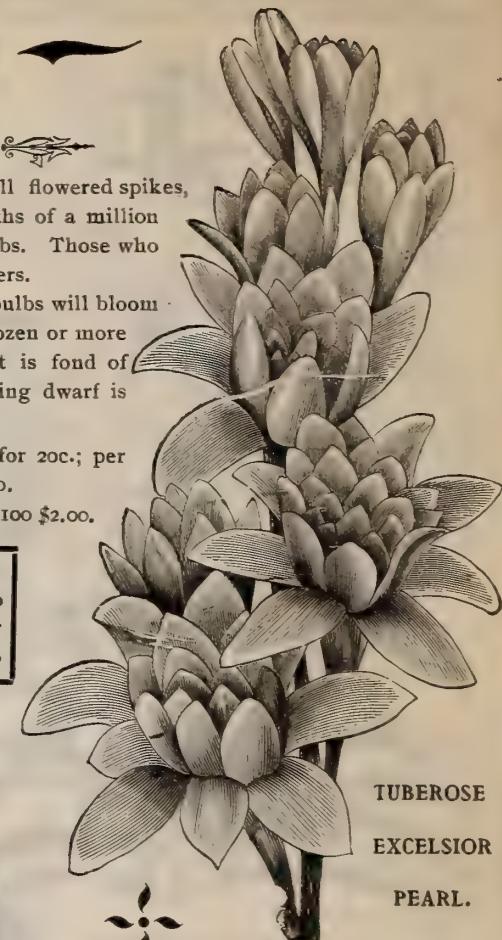
The Siberian Scilla, Squill has flowers of a lovely ultramarine blue color, borne in graceful spikes; in the house it blooms early like the Roman Hyacinths and forms a beautiful contrast with them. In the open ground they are quite hardy and are specially fine planted in small beds or with Snowdrops, and like them, frequently blooming before the snow has gone. Each, 2c.; 6 for 10c.; doz., 15c.; 100, \$1.25, postpaid.

## SCILLA CLUSII, OR CUBAN LILY.

This is a large bulb which produces an enormous head of dark blue, star-shaped flowers, sometimes two feet in circumference, and as the flowers open gradually, their season of bloom lasts for a long time. Not hardy, but valuable for pot culture. It is a noble plant indeed, which should be grown extensively, as it surely will when it becomes fully known. Each, 12c.; 4 for 40c.; doz., \$1.10, postpaid.



Don't  
Fail to  
Order  
Early.



TUBEROSE  
EXCELSIOR  
PEARL.

## TRITELEIA.

(*Uniflora*)

A gem for either pot culture or out doors, being quite hardy. The bulbs are very small, each producing several pure white flowers which are lined with blue and slightly fragrant. They are sure to delight you, are of easy culture and sure to thrive. One of the best additions of many years. 4 for 10c.; doz., 20c.



## GIANT SNOWDROPS!

## SNOWDROPS. (*Galanthus Nivalis*.)



Among the earliest Spring flowers, bell-shaped, pure white with a small green dot on the top of each petal. Hardy. Plant in clumps and leave undisturbed for several years. By planting Snowdrops and Crocus together a pretty effect is produced, or Scilla Siberica with Chionodoxa and Snowdrops arranged in a bed makes a pleasing combination. Prices include postage.

Single, per dozen, 16c.; 100, 90c.

Double, per dozen, 26c.; 100, \$1.85.

**GIANT SNOWDROPS.**—Three times as large as the single Snowdrops; flowers slightly fragrant, borne on large stems and valuable for cut flowers. They do well in the house, blooming freely at the Christmas holidays. 6 for 11c.; dozen, 18c.; 100, \$1.25.

## TROPAEOLUM TRICOLOR.

This is a tuberous rooted winter blooming Nasturtium for pot culture, which is one of the most charming window vines one can possess during winter. Pot bulbs in good soil and treat them like other winter bulbs. They are somewhat slow to start, but will after a while throw up little needle-like shoots, which should be supported on strings or trellises. After a short time they will develop beautiful tiny foliage, which will soon be followed by hundreds of brilliant flowers, scarlet, tipped with black and yellow—which keep perfect a long time. Each, 15c.; 3 for 40c. by mail, postpaid.

SCILLA CLUSII.



# GREENHOUSE & PLANTS

It may occasionally happen when bulbs and plants are named on same order that bulbs will be sent immediately and plants a day or two later, direct from our greenhouses, Western Springs, Ill., fifteen miles from Chicago, therefore please do not become impatient if such be the case.

OUR shipments of plants (as well as bulbs) for winter blooming and the adornment of home or conservatory have grown to enormous proportions; to supply this, we make special propagations during the spring and summer, growing the plants in best possible shape for our mail trade. The plants we offer are such as may be grown in any ordinary parlor, sitting room or greenhouse where the night temperature will average 55 degrees. In the dreary winter days nothing so much adds to the charm of a window garden as a collection of plants, their handsome and elegant foliage makes a grand display even when the plants are occasionally out of bloom.

All plants here quoted will be supplied direct from our GREENHOUSES at Western Springs, Ill. Unless otherwise stated, all plants are forwarded by mail postpaid. Stock which is unmarketable, and plants ordered by express, go at buyer's expense. Express rates on plants are reduced 20 per cent.



LARGE FLOWERING CHINESE PRIMROSE.

## CHINESE PRIMROSES.

Brightest and best of all the easily grown free flowering window plants. The single varieties bloom more freely than the double, and small plants produce a wealth of flowers. Should be grown in a cool place, a north window is suitable. Our plants are of the largest flowered class and can be supplied in separate colors, red, pink, white and crimson. Each, 15c.; 1 of each, 40c.

**Primula Obconica.**—Small lavender colored flowers in large clusters. Plants always in bloom and at all times attractive. Each, 15c.; 2 for 25c.

## ~~ CARNATIONS. ~~

Admirable for winter flowers in the house. The flowers are fragrant and continue for a long time. The collection named below embraces six of the meritorious varieties and a full range of colors.

**MINNIE COOK**, variegated, **PORTIA**, scarlet, **TIDAL WAVE**, carmine pink, **ALASKA**, white, **ROSE QUADEN**, delicate pink, **WILLIAM SCOTT**, rose pink. Each, 15c.

**SPECIAL OFFER:** One each of the above 6 for 75c., postpaid.

## ~~ AZALEAS. ~~

Splendid winter flowering, shrubby pot plants for parlor decoration. The colors range from pure white to deepest crimson and are produced in great abundance. Imported plants ready in November, each, 90c. and \$1.15. Must be sent by express, too large to mail.

## Abutilon, Souv. de Bonn.

Known as Flowering Maple. Splendid winter blooming house plant, large, bright green leaves with bright orange flowers. Each, 15c.



BEGONIA THURSTONI.

## BEGONIAS.

Of easy culture, handsome foliage and lovely flowers. The four grand Begonias named below are distinctly **winter bloomers**, and if you have no other window plants the coming winter than these, your living rooms will be attractive. Do not over-water, but occasionally spray the under side of the leaves, and keep the dust from the surface.

### ~~ THURSTONI. ~~

A beautiful stately plant with remarkably handsome foliage. Flowers rosy white, in large clusters. The plant has a fine habit and grows very rapidly as a pot plant. Each, 15c.

**Metallica Velutina.**—Different from all others. Foliage dark, velvety; bronze green above, under side reddish brown; beautiful pot plant. 10c.

**OTTO HACKER.**—Stiff, upright habit, with large, dark green leaves. Great drooping clusters of coral flowers, produced in bunches of 25 or more. Each, 20c.

**Rubra.**—One of the finest shrubby Begonias in cultivation. Has dark glossy green leaves and scarlet rose flowers produced in abundance. Stout, upright habit. Each, 10c.



UMBRELLA PLANT.

## UMBRELLA PLANT.

*Cyperus Alternifolius.*

As decorative as a Palm; thrives excellent in soil or water. Hardy, useful and beautiful window house plant for all seasons.

Each, 15c.; Extra size, 30c.

## GIANT CYCLAMEN.

Flowers extra large size, on short, stout stems, foliage handsome. No better plant for pot culture the whole secret of growing them being air, light and low temperature. Strong growing plants, each, 25c., postpaid.

## → CALLA. ←

### Little Gem, or Miniature, True.

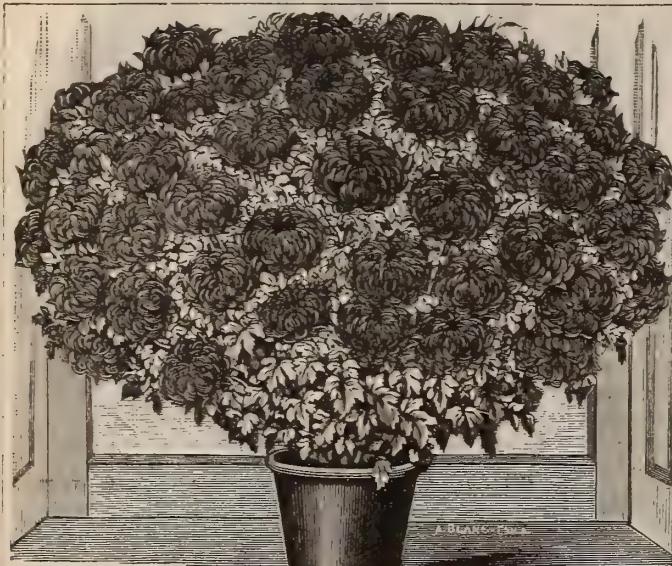
The plant is a miniature form of the old-fashioned Calla; a full grown specimen stands only 8 to 10 inches in height and is rarely without flowers; if grown until "pot bound" in 4-inch pots—they will bloom more readily. Each, 20c.

## Asparagus Plumosus.

A beautiful climbing plant, with bright green, gracefully arched foliage; surpassing maiden hair Ferns in grace, delicacy of texture and richness of color. One of the most beautiful of decorative house plants. Each, 20c.

Pontiac, Ill.—The plants which I received from you this fall are all doing nicely. My Chrysanthemums are doing fine, nearly all of them being budded. The plants that I received from other houses live awhile and then die, yours do not.

Geo. L. Bigelow.



SPECIMEN CHRYSANTHEMUM PLANT.

## GERANIUMS FOR WINTER BLOOMING.

Succeed well during winter and are of still more value when Winter is past for Summer bedding.

### Double New Life Geranium.

The sensation which the Single New Life Geranium created when introduced in England is well remembered. The Double New Life, as may be judged from our illustration, is a much greater sensational departure in every way. The outer florets are brilliant red, in the center of these appears another semi-double floret, pure white in color, effecting a charming contrast, difficult to realize unless seen, and having the appearance of being produced artificially. Each, 30c.; 4 for \$1.00.

**MAD. BRUANT.** Entirely distinct from all other Geraniums. Flowers single; white, veined with carmine lake; florets regularly bordered with bright solferino. The trusses are large and beautifully formed. This is one of the most distinct and beautifully colored Geraniums in existence. Each, 30c.; 4 for \$1.00.

**Beaute Poitevine.**—Bruant, semi-double type. Immense size flowers and trusses, beautiful shade of brilliant salmon shaded with apricot. Each, 15c.

**Mrs. Parker.**—The foliage is deep green with broad margins of pure snow-white. It is the most free flowering of any silver-leaved class, producing flowers of an exquisite shade of deep rosy pink. Each, 15c.

**J. J. Harrison.**—The best semi-double scarlet Geranium of any type ever produced, exceptionally large. Plant of vigorous growth and free bloom ing, the color is an admirable vivid scarlet. Each, 15c.

**Mrs. Pollock.**—Bronze, scarlet zone, fine. Each, 15c.

"WINTER GERANIUM SET" one each of the above six varieties for only 85 cents, postpaid.

### FUCHSIAS.

**MARENGA.**—New. This grand variety is, without a doubt, the most desirable sort for hanging baskets. It is of neat, compact growth, not coarse, and very symmetrical. The habit is vigorous, with large healthy leaves. Corolla, dark amaranth red, single; sepals carmine. Each, 20c.

**Farfugium Grande.**—Leaves become immense; clear bright green, heavily blotched with golden yellow. We recommend it as a room plant. Each, 25c.

### SURPRISE CACTUS COLLECTION.

We have many odd, rare and curious specimens of these plants, similar to those seen in the wonderful Cacti exhibits at the World's Fair, from which we will send 5 kinds, all different (our selection) postpaid for 50c.

**MANETTIA VINE.**—This pretty vine can be grown either as a house plant or in the garden and is a most prolific bloomer. Flowers coral red, ends of petals tipped golden yellow. Each, .00c.

**MUSK, Double Flowered.**—The musk-like odor from the leaves and flowers is very powerful, a single plant scenting a large room. Each, 20c.; 3 for 50c.

### WINTER BLOOMING NASTURTIUMS.

**CARDINAL PRINCE.**—Flower very large, orange and scarlet. Each, 20c.

**Darkness.**—Brownish crimson; a very double flowered variety. Each, 10c.; 3 for 25c.

**Ivy-leaved.**—Yellow, streaked red. Each, 10c.  
One each of the above three, 30c.

## "INDIAN SUMMER" CHRYSANTHEMUM COLLECTION.

This flower is certainly the queen of all showy floral displays. We make annually extensive exhibits in all the Western Cities, and for that especial purpose grow a large collection of the very best kinds for the purpose. The varieties below have been grown with and are a part of our own exhibition stock, and cannot be surpassed. We have been awarded more than fifty first prizes during the past two seasons for excellence of our pot plants.

**Miss Agnes L. Dalskov.**—Pink Ivory; the sensation of last year. A sport from Ivory, identical with its parent, except in color, which is a beautiful shell pink. The variety had a phenomenal sale in the New York market during the present season.

**Paul Noisette.**—(Or Yellow Ivory.)—This is one of the best varieties for pot culture or cut flowers, seldom growing in height over eighteen inches. Flowers of medium size and of a rich lemon yellow, slightly hairy. This will become as popular as the well-known Ivory.

**GEO. W. Childs.**—Deep, rich, velvety crimson, with no shade of brown or chestnut; a grand red sort.

**Mrs. Jerome Jones.**—The nearest to the true type of Chrysanthemum yet produced. Very large, cream white, sometimes showing a tinge of pink. The flower is high, rounded and full, with healthy foliage and stiff stems.

**Ivory.**—The flower is a perfect white ball of good size, incurved, borne upon long stems. Plant of sturdy habit, season medium early; especially desirable for amateurs as a grand pot plant.

**May Williamson.** New. This variety is perfection in its class of Pompon, or small-flowered. The flowers are perfectly double, round as a ball,  $\frac{1}{2}$  inches in diameter, pure snowy white, blooming in October and early November. The plant is a vigorous grower and produces buds in greatest profusion, flowers lasting along time in perfection. Greatly admired at the Chicago Flower show last fall by all who saw it.

The above are large bushy plants in 4 inch pots and will be in bloom by November 1st. Each, 30c.; or the 6 grand sorts as above for \$1.50, by express only, too large to mail.

**EXHIBITION PLANTS.** We have in stock, coming on for November Oct 25, to Nov. 15, in 6, 8 or 10 inch pots at 75c., \$1.50 and \$3.00 each, according to size and varieties. Per doz., 10 per cent less.

### CRIMSON SPIREA, Anthony Waterer.

It outshines all Spireas in brilliancy of color. A bright crimson. It is also much dwarfer and denser in growth; when scarcely three inches high it begins to bloom and thereafter is seldom out of flower. As a house plant nothing can equal it. In the garden it will make a plant three feet high and wide, and it will be covered with flower heads six inches apart. It is also perfectly hardy, and will stand the most severe winter with slight protection.

Strong plants, each, 25c., postpaid.

### JASMINES.

**NIGHT SCENTED.** (Cestrum Parqui).—Beautiful white flowers in clusters in great profusion. Its fragrance is very powerful at night. Each, 15c.

**Grand Duke.**—Beautiful glossy foliage, and large, double, cream-white flowers. Very fine. Each, 20c.; the two sorts for 30c.



DOUBLE NEW LIFE GERANIUM



COCOS WEDDELIANA.

# ...PALMS...

## AND DECORATIVE PLANTS.

Many of these very beautiful plants for room and window may be grown with ordinary care, not more than that usually given to a Geranium—beyond sponging the leaves once a week. Water thoroughly; less water is required in Winter than in Spring and Summer. For immediate effect use the larger size. These plants are in season for shipping the year round.

**ARAUCARIA EXCELSA.** (*Norfolk Island Pine*)—The most elegant of all Evergreens and one of the most scarce, decorative plants. Fine symmetrical form with deep green, feathery foliage arranged in whorls rising one above the other at regular distances. Each, \$2.50, \$3.50 and \$5.00, according to size.

**ARECA LUTESCENS.**—Leaves long and pinnate, the divisions very numerous; dark, glossy green leaves, with golden stems. Plants 10 inches high, each, 25c.; 18 inches high, each, 75c.

**CYCAS REVOLUTA.** (*Sago Palm*)—This is probably the most decorative plant grown, for lawn and house adornment. Small plants, 1 leaf, 50c.; 2 leaves, 75c.; 3 leaves, \$1.25; 12 leaves, \$7.50.

**COCOS WEDDELIANA.** (*Coconut Palm*)—It makes an elegant house plant, with its slender, erect stem freely furnished with graceful, arching leaves of a rich green color. The dinner table on which this plant was used at the Chicago Flower Show, received first prize. 3 inch pots, plants 8 to 10 inches high, each, 75c.

**KENTIA BELMOREANA.**—All the Kentias are free from disease. Beautifully curved and reflexed leaves, deep green foliage, strong grower. Plants from 3 inch pots, 10 inches high, each, 75c.; 5 inch pots, 18 inches high, each, \$2.00.

**LATANIA BORBONICA.**—Of easy culture and rapid growth. Large, broad, fan-shaped, glossy, dark green leaves. 4 inch pots, 12 to 18 inches high, each, 50c.; large plants \$1.00, \$2.00, \$3.00 and \$5.00, according to size.

**PANDANUS UTILIS.** (*Screw Palm*)—A most valuable decorative plant from the East Indies, also one of our most useful ornamental plants, both for in and out-door culture. Each, 25c.; larger plants, 24 inches high, each, \$2.00.

**PANDANUS VEITCHI.**—Same habit and growth as Pandanus Utilis, except that the leaves are beautifully striped white and green. Each, 50c. and \$1.00.

### Large Specimen Palms.

We have a splendid stock of extra choice, well grown Palms, including above and others, for specimens and decorative purposes. Prices from \$5.00 to \$50.00 each. Write for sizes and prices.



INDIA RUBBER TREE.



SWORD FERN.

### RUBBER TREE.—*Ficus Elastica*.

The large, shining, green leaves endure the dry air of a living room as well or better than any other plant, this is why everybody likes it. Our plants are very fine. Plants 1 foot high, each, 60c.; 18 inches high \$1.00; 2 feet, \$1.35; 2½ feet, \$1.70; 3 feet, \$2.25. These plants will be sent by express.

### JARDINIERE Fern Collection.

Selected for their lasting, hardy characteristics especially available for the table, sideboard or fernery.

**Asparagus Tenuissimus.**—A fine decorative plant of trailing habit. 15c.

**Sword Fern.**—A splendid sort. 20c.

**Adiantum Cuneatum.** (*Maiden Hair*)—Most beautiful of all Ferns 15c.

**Pteris Cretica Albo Lineata.**—A pretty and useful variegated variety. 15c.

**Pteris Serrulata.**—A well known and useful basket Fern. 15c.

**Pteris Tremula.** (*Shaking Fern*)—The foliage is large and very graceful. The slightest movement of the air shakes the leaves of this plant. It grows readily and very fast, making new fronds quickly after being cut. 20c.

**Pubescens.**—A useful basket variety. 15c.

**Onychium Japonicum.**—A most desirable species with very finely divided pinnae, and excellent for table decoration or exhibition purposes. 15c.

**Selaginella Ameliana.**—Stiff and erect fronds, 6 to 8 inches high. Plant useful for table decoration. 15c.

**Jardinier Collection of 9 Beautiful Ferns for \$1.00, postpaid.**

## Vaughan's Window Garden.

### OUR OWN SPECIAL SELECTION OF THE BEST EIGHT.

**Solanum Jasminoides Grandiflorum.**—Most beautiful climbing and trailing plant. It has star-shaped flowers, something like a Clematis, borne in large clusters. In color they are pure white with a violet tinge on back of petals and on the buds; a free bloomer. 15c.

**Phoenix Reclinata.**—A strong growing form of the Date Palm, with dark green, glossy foliage; a most desirable variety. 25c.

**Impatiens Sultani.**—Good for summer bedding and pot culture in the window; constantly loaded with large, rosy-scarlet flowers. 10c.

**Geranium, Happy Thought.**—Yellow blotch in center of leaf, outer band of green at margin, flowers single scarlet. 10c.

**Tradescantia Aurea.**—Leaves marked with golden yellow. Splendid basket plant. 10c.

**The Mexican Primrose.**—As a window plant this combines great hardiness and ease of culture with beauty. It is strictly a perpetual bloomer, good specimens showing from 10 to 30 large, saucer shaped blossoms. 10c.

**Pteris Tremula.** (*Shaking Fern*)—The foliage is large and very graceful. The slightest movement of the air shakes the leaves of this plant. It grows readily and very fast, making new fronds quickly after being cut. 20c.

**Ivy Geranium, Chas. Turner.**—For general purposes and as a house plant there is not one in all the list of Ivy Geraniums that can compare with it. 15c.

**For 75c.** We will send the complete "Window Garden" Collection, one plant each of the eight varieties, labeled and carefully packed, postpaid; or you can make your own selection (from the collection only) at prices attached. ORDER EARLY AND SECURE LARGE PLANTS.



New Climbing Rose

# Crimson Rambler.



Showing habit of growth of this wonderful climber and its adaptability to verandas, porches, etc.

## ROSES BY MAIL—PREPAID.

In this catalogue space is too limited to list the varieties we offer but our friends may rely on our experience and judgement that only the kinds most suitable for fall and winter blooming will be sent. In ordering customers are advised to name varieties they already have, so that we may send them different kinds. Not less than one dozen of a kind can be sent at these prices.

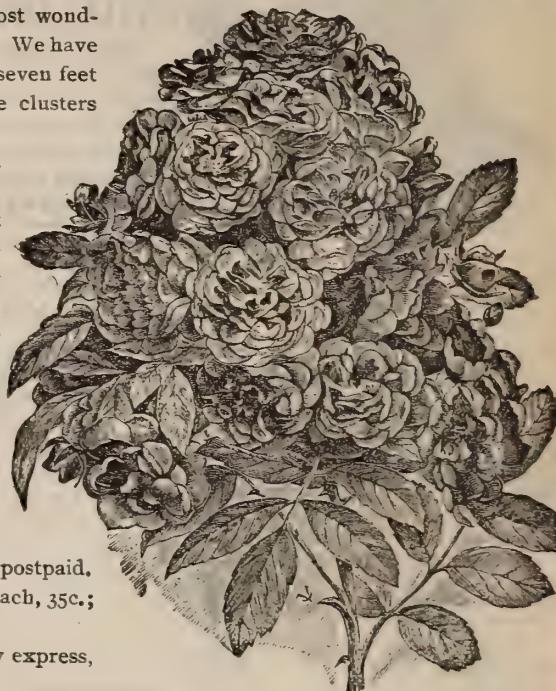
**Ever-Blooming Roses**, assorted, finest varieties.....doz., \$1.00  
**Hybrid Tea**, assorted ..... " 1.00  
**Ever-Blooming Climbers** ..... " 1.00

We consider this the most wonderful of all the new Roses. We have had this summer, branches seven feet long loaded down with large clusters of these brilliant red Roses. One would hardly believe it possible to produce so many on one shoot. The plant seems to be as hardy as the Old Prairie Queen. Every garden should contain this grand Rose. After getting it into good growth, layers can be made in the ground and new plants rooted and grown on, readily producing a liberal supply.

**Price:** Strong grown plants, from  $3\frac{1}{2}$  inch pots, each, 25c.; club of 6 for \$1.25, postpaid.

**Dormant Plants**, 1 year, each, 35c.; 3 for 90c., postpaid.

**Large Dormant Plants** by express, this is the best size to give you good satisfaction, each, 50c.; 3 for \$1.25; 6 for \$2.50.



Showing single trus of the new hardy climbing Rose Crimson Rambler.

## LARGE ROSE BUSHES.

Field grown plants, 18 to 20 inches high to go by express (not prepaid).

**Hybrid Perpetual Roses.**—Most popular and hardy of all Roses. 12 splendid varieties, such as American Beauty, Ball of Snow, Capt. Christy, Fisher Holmes, Mrs. John Laing, Gloire Lyonnaise, Gen. Jacquemont, Paul Neyron, etc. Each by express, 30c.; doz., \$3.00.

**Hardy Climbing Roses.**—Prairie Queen, Baltimore Belle, Seven Sisters, all well known. Large plants, each, 30c. The 3 varieties for 75c.



CLOTHILDE SOUPERT.

## ROSES. SOUPERT COLLECTION.

### NEW YELLOW SOUPERT "MOSELLA."

This lovely new addition to the Souperf family we imported from Germany last season. It has the genuine dwarf growing, free flowering Souperf habit. Produces beautiful clusters of very double, ball-shaped flowers which open like a Camellia. The buds are also very pretty. The color is a white tint on beautiful light yellow ground. A great addition to summer bedding Roses. Ea., 20c.; 3 for 50c., postpaid.

### •••• CLOTHILDE SOUPERT. ••••

This now famous pot and bedding rose (*Polyantha Tea*) we imported and introduced in America in 1889. It is a cross of the free blooming Polyantha rose and large flowered tea, thus, giving it with all the free-blooming qualities of the former the stronger growth of the Tea class. Its charming coloring, shading from pearly white to purest rose, double blossoms, delightful fragrance, wonderful vigor and freedom of bloom combine to make it a most beautiful Rose. We take pride in sending out only selected, strong plants which will be a credit to us as introducers of this great novelty. Extra fine  $3\frac{1}{2}$  inch pot plants, prepaid, 3 for 25c.; each, 10c. From 3 inch pots, each, 15c.; 4 for 50c. From  $3\frac{1}{2}$  inch pots, each, 30c.; 3 for 75c.

### •••• "PINK SOUPERT." ••••

We find this bright, new rose, a very free-flowering variety, much resembling Hermosa, but more double and flowering more freely; it shows the Polyantha blood in the full cluster of bloom, and it will make a handsome contrast, bedded or grown with the C. Souperf. The habit of the plant is almost identical with C. Souperf, a rapid grower and quick to bloom. Each, 15c.; 4 for 50c., postpaid.

**OUR....** for 35c., postpaid

**OFFER:** EXTRA LARGE PLANTS either kind, each, 30c.; the 3 for 75c., by express.

## EVER-BLOOMING

## RUGOSA ROSES.

These are Japanese Roses white and red in color with beautifully netted foliage, very lovely. They flower in clusters and form large handsome coral red seed pods. Each, 35c.

# PÆONIES.

Still the grand old favorites they were fifty years ago. Our stock consists of the newest French and Chinese varieties, with immense double blooms of the most intense yet delicate colors. The flowers are borne in the greatest profusion. For brilliant display of bloom during May and June there is nothing that will equal the Pæony. Pæonies are an investment that will increase in beauty and value for a life time. **If Planted in the Fall** plants will get well started and flower next Spring.

**DOUBLE PINK, WHITE, CRIMSON AND SCARLET.** Each, 45c.; 4 for \$1.50, postpaid.

## NEW JAPANESE TREE PÆONIES.

These Pæonies attain a height of 4 to 6 feet, and when in bloom present a most gorgeous appearance. Flowers of immense size, very double and in great variety of color. We offer four distinct varieties in the following colors: Bright Rose, Pure White, Bright Red, Delicate Flesh.

Strong two year old plants, each, 75c.; or one each of the 4 colors for \$2.50, by express.

## HYDRANGEA PANICULATA GRANDIFLORA.

Absolutely hardy, grow in any soil and bloom the same year they are set out, they flower abundantly, bearing immense panicles of bloom, white at first and turning to rose in Autumn. To make a fine specimen, the soil should be as carefully prepared as for any fine shrub. An annual shortening of branches tends to increase the size of the flowers. Each, 15c.; doz., \$1.25; extra large plants, 25 to 30 inches, each, 40c., by express.

## CLEMATIS PANICULATA.

Grand new hardy Clematis; quickly covering trellises and arbors with handsome, clean, glossy green foliage. The flowers are of medium size, pure white, borne in immense sheets, and of a most delicious and penetrating fragrance. The flowers appear in September, at a season when very few other vines are in bloom. The extreme rapidity of growth, the showy foliage, beautiful and fragrant flowers and entire hardiness serve to make this one of the very choicest of recent introductions. **If planted early in the Fall** will be well started before cold weather, requires no protection. Price for plants from 2½ inch pots, each, 20c.; extra size, 50c.

**CLEMATIS.** Large Flowered.—Most beautiful, richly decorative summer blooming climber for porches and verandas. **JACKMANI**, choice imported strong plants, true, rich purple, each, 75c.

## CHOICE FRUITS.

**AMPELOPSIS VEITCHI.**  
Boston Ivy.  
It clings firmly to the smoothest surface, covering walls, etc., smoothly with overlapping leaves, which form a perfect mass of foliage. The color is a fresh, deep green in summer, changing to the brightest shade of crimson and yellow in autumn. **When planting in the Fall** it will be best to cover them with straw through the first winter. Two sizes, each, 25c. and 40c., postpaid.

**BISMARCK APPLE.**—A dwarf growing, early bearing, German Apple, said to fruit the second year. No fruit beats the apple and much is claimed for this one by the German fruit growers. Small trees by mail, each, 30c.; 4 for \$1.00, postpaid.

**BLACKBERRY, Eldorado.**—Of largest size and best quality, and having so little core that it cannot be noticed in the eating. It far surpasses any Blackberry on the list to-day. In addition to this, it is very hardy and productive, never having been injured in the Northwest. Each, 15c.; doz., \$1.50; 50 for \$5.00, postpaid.

**CURRANTS.** (—)

If by mail add 25c. per doz. to price of 1 year old plants, 2 year old plants by express only.

**North Star.**—Vigorous, upright grower; fruit bright red and of most agreeable flavor. 2 year old plants, each, 40c.; doz., \$4.00.

**Victoria.**—Black Currant, splendid for preserves, jellies, etc. 2 year old plants, each, 25c.; 3 for 60c.

**Red Dutch.**—Old standard sort of which millions have been planted; very sweet and productive. 1 year old plants, per doz., 45c.; per 100, \$3.00.

**GOOSEBERRIES.** (—)

Should be sent by express. If wanted by mail add 3c. each to price of 1 yr. old plants, and 5c. to 2 yr. old plants.

**Keepsake.**—A grand new English variety. Fruit straw colored, of great size and finest quality. 2 year old plants, each, 35c.; 6 for \$1.75.

**Industry.**—The fruit is of largest size, pale red and very sweet. The plants are far stronger than the old English sorts. A well tried sort that does not mildew. 1 year old plants, each, 20c.; 3 for 40c.; doz., \$1.20; 2 year old plants, each, 25c.; 3 for 60c.; doz., \$2.00.

**LOUDON RASPBERRY.**—This is truly a large fruited kind; the largest red Raspberry we have ever seen. Another good point should be remembered by those about to plant berries—it is an almost everbearing variety. Each, 15c.; 6 for 80c.; 25 for \$2.50 postpaid.

**COLUMBIAN RASPBERRY.**—Of the many promising red berries none of this valuable and profitable class, come before the small fruit buyers with brighter promise than this. It is very hardy, enduring 28 degrees below zero without harm. The fruit is cone shaped, of dark red almost purplish color. It adheres firmly to the stem and will dry on the bush if not picked. Seeds small and deeply imbedded in a rich juicy pulp with a distinct flavor of its own. Each, 20c.; doz., \$2.00; 25 for \$3.75; 100, \$12.00.

## Pot Grown Strawberry Plants.

If to go by mail add postage 10c. per doz.; 50c. per 100.

These pot grown plants are well established with a mass of roots as shown in our illustration. For shipping they are turned out of pots, retaining the ball of earth around their roots and wrapped in paper (unless ordered by mail, in which case the ball is broken and soil washed away from the roots). We recommend shipping by express. These pot grown plants will produce a moderate crop the first season if ordered at once and planted before September 30. Varieties marked (P) have imperfect flowers; they will not produce well unless every third or fourth row or plant is a perfect flowering variety, as all are that are not marked. Thus planted the sorts are most productive.

**BUBACH, No. 5 (P), SHUCKLESS,  
GANDY, JESSIE, THE HERSEY,  
GREENVILLE (P), TIMBRELL (P).**

Price, choice pot grown plants of any of these varieties, per doz., 75c.; 50, by express, \$1.75; 100, \$2.50; 1000, \$15.00.



POT GROWN STRAWBERRY PLANT.

# A Select List of Hardy and Half Hardy Herbaceous BIENNIALS and PERENNIALS

• FOR FALL PLANTING IN THE OPEN GROUND. •

CANTERBURY BELLS. (*Campanula*)

## AQUILEGIA.

**Chrysanthia**, Golden Columbine. Pkt., 10c.

**Chrysanthia Grandiflora Alba**, This new large flowering, pure white variety with its fine, long spikes is perfectly hardy and a beautiful plant for pots, and if planted in groups, presents a perfect sea of white flowers. Pkt., 10c.

**Coerulea**, Beautiful sky blue. Pkt., 10c.

**Vulgaris, fl. pl.** Double mixed. Pkt., 10c.

## CAMPANULA.—(See Illustration.)

**Calycanthema**, Cup and Saucer, mixed. A beautiful variety; a most desirable and attractive addition to this class of old garden favorites. The bell or trumpet is nearly four inches in diameter, presenting the form of a cup. Pkt., 10c.

**Perennial Sorts** in finest mixture. Pkt., 10c.

## CHRYSANTHEMUM MAXIMUM.

*Large White Ox-Eye Daisy.*

A free-blooming hardy perennial, 2 feet high, literally covered with pure white flowers which are well adapted for cutting, lasting over a week in water. Pkt., 10c.

**Coreopsis Lanceolata**, Golden yellow 2 feet. One of the most desirable of all plants. For generosity of bloom there is nothing to compare with it, and it will bear cutting far better than any other plant, at the same time it is always graceful. It can be grown freely from seed, and does well when treated as an annual. Pkt., 10c.

**Grandiflora**, Large deep yellow. Pkt., 10c.

## DOUBLE DAISIES.

*Bellis Perennis Fl. Pl.*

## VAUGHAN'S MAMMOTH DAISIES.

For size of flowers and doubleness these have no equal. The flowers average  $1\frac{1}{2}$  to 2 inches in diameter, very double and ranging in colors from snow-white to pink and blood-red, with the prettiest combinations of pink and white. Pkt. (150 seeds), 15c.; 2 for 25c.

**Snowball Daisy.**—Long stem, free bloom and large double flowers. Pkt., 5c.

**Longfellow.**—Dark pink flowers, unusually large and double, very long and stiff flower spikes. Pkt., 10c.

## DIGITALIS or FOX GLOVE.

Stately plants with long spikes of thimble shaped flowers.

**Grandiflora**, Golden Fox Glove, dwarf, 10c.

**Eupatorium Fraseri**, white, fine for cut flowers. Pkt., 10c.



PRIZE HOLLYHOCKS:

## DELPHINIUM or LARKSPUR.

**Pillar of Beauty.** (*Formosum Coelestinum*.)—One of the handsomest of hardy Perennials, flowers of a very charming delicate blue. Pkt., 5c.

**Grandiflorum Flore Pleno.**—Flowers large and double. A splendid cut-flower and ornamental plant. Many shades of colors, and finest mixture. Pkt., 10c.

**Formosum.**—Bright blue with a white center. Pkt., 10c.

**New Double Hybrids.**—Mixed, very choice. Pkt., 25c.

## HARDY PERENNIAL GAILLARDIAS.

These are undoubtedly among the choicest of Hardy Perennials; the flowers are large, very numerous, excellent for cutting and of the most brilliant shades of orange, crimson, scarlet and vermillion, and very often a combination of all these colors in one flower. We have an excellent strain, many colors mixed. Pkt., 10c.

## SWEET WILLIAM.

(*Dianthus Barbatus*.)

**Giant Flowered Sweet William.**—An improvement on older sorts, both in variety of colors and size of flowers and trusses. The single flowers are often as large as a 25 cent piece, and are simply enormous in comparison with the old time Sweet William. Pkt. (100 seeds), 10c.; 3 pkts. for 25c.

**New Double Giant Sweet William.**—Like the above, it is an improvement on the old-fashioned Sweet William, producing umbels of enormous size on stiff stems and in a great variety of shades and colors. The single florets often measure one inch in diameter. Pkt. (100 seeds), 10c.; 3 pkts. for 25c.

## FORGET-ME-NOT OR MYOSOTIS.

Pretty little clusters of fine delicate flowers. They succeed best in a damp shady situation, but will thrive well in any garden soil. (See illustration.)

**Victoria.**—The flowers are large and of a bright azure-blue with yellow centers. The plants form neat bushes completely covered with flowers; a valuable variety for cut flowers. Pkt., 7c.

**Dissitiflora.**—One of the best of all the Forget-me-nots. It is of a remarkably compact habit and a profuse bloomer, having the appearance when in full flower, of a sheet of exquisite blue. Pkt., 10c.

## Vaughan's Prize Hollyhocks.

(See illustration.)

All our seeds of this beautiful plant have been saved from the finest and largest double flowers only and will produce flowers extremely double and in the best, brightest and most charming colors. Sow early.

**Double White, Pink, Canary Yellow, Crimson, Salmon, Faust, black, edged with white.** Any of the above Hollyhocks, per pkt., 10c. any 3 for 25c.

**Vaughan's Prize Hollyhocks** in the largest variety mixed, includes all the above named separate colors and others. Pkt. (100 seeds), 10c.; 3 for 25c.  $\frac{1}{4}$  oz., 40c.

**Single Hollyhocks.**—Our mixture contains all colors. 1 kt., 10c.

**Iberis**, Semperfivens, Hardy Candytuft, white. Pkt., 10c.

**Lathyrus** Latifolius, Perennial Pea, 4 feet, white, pink, red or mixed colors. Pkt., 10c.

**Linaria Cymbalaria**, Kenilworth Ivy, 10c.

**Lupinus Polyphyllus**, mixed. Pkt., 10c.

**Lychnis Chalcedonica**, Lamp Flower, scarlet. Pkt., 10c.



FORGET-ME-NOT, DISSITIFLORA.

## HARDY AND HALF HERBACEOUS BIENNIALS

## AND PERENNIALS.—Continued.

## PHLOX.

The Phloxes are certainly amongst the showiest and most easily managed of all hardy plants. They grow well in almost any garden soil and from June until October maintain an endless display of brilliant and varied colored flowers.

- Decussata**, Choice mixed. Pkt., 7c.
- Platycodon Mariesii**, Pkt., 10c.  
" " Flora Alba. Pkt., 10c.
- Primula Auricula**, fine mixed. Pkt., 15c.
- Vulgaris**, Yellow Primrose. Pkt., 10c.
- Veris** (*Polyanthus*), mixed. Pkt., 10c.

SWEET VIOLETS.

## VAUGHAN'S



Pansies delight in the moist cool weather of early spring showing then the most superb colors and largest blooms. To secure such early blossoms plant in the fall, from August to November. Nearly all Florists sow their Pansy seed in the fall. Full directions for culture on all our packages. We have the following grand mixtures, unexcelled in the world.

## VAUGHAN'S INTERNATIONAL PANSY MIXTURE.

*The best selection from many growers.*

It contains seed from the most celebrated growers of France, Germany, England and America, and comprises all the finest and most "odd" colors found in the German strains as well as the Giant-Flowered Trimardeau, Bugnot and Cassier. Packet (250 seeds), 25c.; 3 pkts., 65c.; 5 pkts., \$1.00.

**Vaughan's Giant Pansy Mixture**, this mixture comprises all the best sorts and colors of our Giant Pansies and will furnish a Pansy bed to the satisfaction of every one. Pkt. (250 seeds), 20c.; 3 pkts. for 50c.;  $\frac{1}{2}$  oz., \$1.00.

**Giant Trimardeau Pansies** in separate colors: White, Black, Striped, Beaconsfield, Emperor William, Violet Blue, Yellow, Auricula colors. Each, per pkt., 10c.; the entire collection of 10 sorts, 1 pkt. each for 60c.

**Mammoth Butterfly Mixture**.—Pkt. (250 seeds), 10c.

**Vaughan's Premium Pansy Mixture**, introduced by us several years ago, has held its own and we can only say that it is as choice and desirable as ever. Per pkt., 10c.; 3 for 50c.;  $\frac{1}{2}$  oz., \$1.00.

**Vaughan's Chicago Parks Bedding Pansies**, Mixed per pkt., 3c.; 4 pkts. for 10c.;  $\frac{1}{2}$  oz., 30c.

**Chicago Parks Bedding Pansies** in separate colors: White, Black, Light Blue, Dark Blue, Striped, Beaconsfield, Emperor William, Prince Bismarck, Yellow, Snow Queen, Goldmargin, Silveredge, Fire Dragon, Havana Brown, Mahogany colors, Pheasant's Eye. Each, pkt., 3c.; 6 pkts. for 15c.

## VAUGHAN'S INTERNATIONAL PRIMULA.

This mixture contains besides all the most distinct sorts, a number of other colors selected from the best American, French, English and German growers, and we know it will give entire satisfaction. Pkt., 25c.

**Primula Chinese**.—Good mixed. Pkt., 10c.



## SWEET PEAS.



To obtain early flowers of this favorite as well as to insure a long flowering season, the most careful cultivators have long recommended earliest possible planting in the spring for this flower, but within a recent period it has been learned by repeated experiments that seed sown in the fall, following the natural course of the plant itself in distributing the seed on the ground when ripened, nearest complies with nature's requirements, and that such plantings have started early in the spring with far better results than when the seed has been sown in the spring. We have made for this purpose a selection of the strong growing sorts in the full line of colors. Sow them in the fall.

**Vaughan's Prize Mixture**. Contains all the named varieties and all the novelties, and is undoubtedly the finest and most complete mixture ever offered. By mail, postpaid, 2 lbs., \$1.90; lb., \$1.00;  $\frac{1}{2}$  lb., 30c.; 2 ozs., 25c.; oz., 15c.; 3 pkts., 20c.; pkt., large, 10c.

**Eckford's Mixture**.—This is grown from stock seed of Vaughan's Prize Mixture which was made up from named sorts and contains over thirty varieties, including some novelties and all the choice varieties. By mail, postpaid, per lb., 70c.;  $\frac{1}{2}$  lb., 40c.;  $\frac{1}{4}$  lb., 25c.; 2 ozs., 15c.; oz., 10c.; pkt. (large size), 5c.

**All Colors Mixed**.—This is also a very good mixture; contains over twenty varieties. By mail, per lb., 40c.;  $\frac{1}{2}$  lb., 25c.;  $\frac{1}{4}$  lb., 15c.; oz., 10c.

## THE BEST TEN SWEET PEAS.

Blushing Beauty, soft pink; Her Majesty, deep clear rose; Countess of Radnor, lavender; Mrs. Eckford, best yellow; Emily Henderson, best white; Blanche Ferry, pink and white; Stanley, deep bronze; Firefly, brilliant scarlet; America, scarlet and white; Cupid, new dwarf white. One pkt., each of the foregoing to beautiful sorts for 30c.

**Cupid**, the new dwarf white, pkt. (25 seeds), 10c.

"HOW TO GROW SWEET PEAS" is the title of our little booklet on Sweet Peas published by us. It contains much valuable information on the culture of these lovely flowers, the different varieties, etc. Free for the asking with every order for Sweet Peas for 25c. and upwards.

# VAUGHAN'S CHICAGO PARKS LAWN SEED.

Grass Seed Sown in September and October Makes a Better Lawn than Seeds Sown in Spring.  
If wanted by mail add 8 cents per pound.

## A BEAUTIFUL LAWN.

With its close velvety turf, is a most essential feature in the adornment of all suburban homes—without it the finest flowering plants and bedding seem insignificant while with it handsome grounds are assured, even with no other adornment. Second only to that prime requisite, GOOD SEED, is time of sowing, quantity to use, preparation of soil, careful watering, etc.

Our seed, which we know to be as pure as can be found anywhere, is of the best varieties, best suited for even and permanent growth; it is carefully cleaned, and as free as it is possible to make it from weeds.

## OUR CHICAGO PARKS LAWN SEED

Prepared for use in the Chicago Parks, named by us and sold at our Chicago Stores for many years with very general satisfaction. It will produce an even, dense growth of permanent sward as early in the season as it is possible to do. This Mixture contains no annual grasses for making quick show to the detriment of a good lawn, but only those of lasting value and hardiness, which when once established need no re-seeding for years.



**VAUGHAN'S CHICAGO PARKS LAWN SEED:**—  
**Finenst Quality.**—Lb., 25c.; 5 lbs., \$1.00; bush. (14 lbs.), \$2.75; 2 bu., \$5.25; 5 bu., \$12.00.  
**Good Quality.**—Lb., 15c.; 3 lbs., 40c.; bush., \$1.75; 2 bush., \$3.25; 5 bush., \$7.50.

One lb. of our Finest Quality Chicago Parks Lawn Seed sows a space 25 feet square.

## HOW TO MAKE A LAWN.

Some previous cultivation, or at least a thorough turning over should be given. A clayey loam is the best foundation for a good lawn. Let the surface be graded to the level wanted in all parts and well rolled—a light raking following this will prepare for the seed sowing, which should be done as early in the spring as the ground can be worked, provided the ground has not already been prepared in the fall. The very best time, the ground being in order, is about April 1st. Three to four bushels per acre should be sown; the latter amount is best, for the young plants are but small, anyway, and if thick, cover the ground better and make a smoother and more even turf. Never sow oats or other grains—you can't assist a weak plant by crowding it with a strong one. Mowing should be done at least once a week in favorable growing weather, and even in dry weather it should be cut twice a month. Do not allow the clippings to remain on the ground, except they are very short.

## COLUMBIAN LAWN GRASS MIXTURE.

*Especially prepared for light soils and shaded situations.*

Price—Lb. 25c.; 5 lbs., \$1.00; bush. (14 lbs.), \$2.75; if to go by mail, ad 18 cents per pound. Write for special prices on lots of five bushels and over.

**KENTUCKY BLUE GRASS.**—Many prefer this to a mixture of grasses and the fact cannot be denied that a lawn of Blue Grass only is magnificent; it takes longer however to get it established.

**Kentucky Blue Grass.**—(Fancy Clean Seed.) Per lb., 20c.; 3 lbs., for 50c.; bush. (14 lbs.), \$2.00; 5 bush., \$9.00.

**RED TOP GRASS.**—(Fancy Clean Seed.) Per lb., 30c.; 4 lbs. for \$1.00.

**Red Top Grass.**—(Choice Seed.) Per lb., 20c.; 5 lbs., 90c.

Where an immediate effect for one season is desired there is none better than the Red Top Grass, as it comes up quickly and makes a beautiful lawn, but the grass is liable to winter-kill.

**WHITE CLOVER.**—(Extra Choice Seed.) Per lb., 30c.; 3 lbs., 80c.; 5 lbs., \$1.25.

# VEGETABLE SEEDS. FOR FALL SOWING.

## MUSHROOM, New Importation.

**ENGLISH SPAWN**, in bricks. Lb., 15c.; 10 lbs., \$1.00; 100 lbs., \$8.00.

**FRENCH SPAWN** put up in boxes of 2 lbs. each. Price per box, 75c., if by mail, \$1.00, the same, loose, per lb., 35c., by mail, 45c.

### CABBAGE.

	OZ.	% LB.	PER LB.	OZ.	% LB.	PER LB.	
Early Jersey Wakefield, select.	30	90	\$3.15	Succession.....	25	75	1.90
All Head Early.....	25	75	2.50	Vandergaw.....	20	60	1.75
Henderson's Early Summer.....	20	60	1.75	Fotlier's Improved Brunswick	25	85	2.90

### CUCUMBER.

	OZ.	LB.	OZ.	LB.	PER LB.
Arlington White Spine, splendid for frames	10	.58	Early Frame.....	5	.55
Everbearing.....	10	.58	Rollison's Telegraph, for forcing, pkt., 25c.	10	1.00
Long Green, Improved.....	10	.58	Noa's Forcing.....	pkt., 25c.	
Chicago Pickle.....	5	.48	CORN SALAD, Large Seeded.....	10	55
Boston Pickling.....	5	.58	ENDIVE, Green Curled Winter.....	10	1.30
Extra Early Green Prolific.....	10	.58			

### KALE

Dwarf Green Curled Scotch.....	1/4	lb., 22c;	10	Tall Green Curled Scotch.....	1/4	lb., 22c.; 10	70
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### PARSLEY.

Double Curled.....	10	60
Champion Moss Curled.....	10	70
Hamburg Rooted.....	10	70

### RADISH.

	OZ.	LB.	10 LBS.
Carmine Erfurt.....	30	.65	\$5.50

**Scarlet Turnip White Tip.** We have a very choice strain of this. Very popular in the Chicago Market..... 10 50 4.00

**Vaughan's Carmine Turnip,** very desirable for Greenhouse forcing..... 10 .75 6.80

20 Days Forcing..... 10 .83 7.03

Scarlet Globe..... 10 .70 5.50

Rosy Gem..... 10 .60 5.00

Deep Scarlet Turnip..... 10 .45 3.10

Long White Vienna..... 10 .45 3.50

Brightest Long Scarlet..... 10 .75 6.00

Improved Charlier..... 7 .55 4.50

Long Scarlet Short Top..... 6 .45 3.50

Long Black Spanish or Round Black Spanish..... each, 7 .55

China Rose or Scarlet Winter..... 10 .65

LB. 10 LBS. 100 LBS.

Extra Large Round Leaved Viroflay..... 25 1.25 11.50

Prickly Seeded..... 25 1.40

Victoria, new..... 40



MUSHROOMS.

## LETTUCE.

**THE "MORSE,"** a new forcing Lettuce which might be called a white seeded Black Seeded Simpson, and is of very quick growth of good color, very crisp and tender and of excellent flavor. Undoubtedly one of the best for early spring and summer. Oz. 15c.; 1/4 lb., 30c.; 1 lb., \$1.00.

	OZ.	LB.
Chicago Forcing.....	15	\$1.25
Grand Rapids Forcing.....	10	1.00
Denver Market.....	10	1.00
Black Seeded Simpson.....	10	1.00
Early Curled Simpson.....	10	.85
Big Boston.....	15	1.25
Black Seeded Tennisball.....	10	.75
White Cabbage.....	10	.85
St Louis Butterhead.....	10	1.00
Rawson's Hot House.....	15	1.50
Tilton's White Star.....	10	1.00

LB. 10 LBS. 100 LBS.

Large Round Leaved..... 25 \$1.20 \$11.25

Long Standing..... 25 1.25 11.25

Bloomdale..... 25 1.35 12.00

LB. 10 LBS. 100 LBS.

Large Round Leaved Viroflay..... 25 1.25 11.50

Prickly Seeded..... 25 1.40

Victoria, new..... 40

If wanted by mail add 8 cents per pound for postage.

# WHEAT.—Early Genesee Giant.

(JONES.)

## HALF BEARDED.

*It is truly a Wonder in the Wheat line for thrifty fall growth, early spring stooling, strong short-jointed straw, solid filled head, FINE HARD AMBER GRAIN; exceptionally fine milling qualities, and THE CHAMPION OF ALL IN PRODUCTIVENESS, yielding at the rate of 61 to 62 bushels to the acre.*

It is truly a wonder in strong growth and *heavy root*, with the ability to withstand spring frosts and summer drought, soon covering the ground with a dense growth of side-shoots and dark wide leaves. It is adapted to a great variety of soils, and cannot fail to become a most popular and profitable sort with all as soon as known, and will be of great value to the farmer in cold, bleak sections of Northern Illinois, Wisconsin, Iowa and as far North and West as winter varieties can be grown. It does remarkably well even when sown late, and is a champion for productiveness upon any soil fit for winter wheat. It can be depended upon for an abundant yield even in unfavorable seasons, but to produce the largest possible, it should be sown on rich, dark loam, strong gravelly, or clay soils, and sown early. On land liable to heave in the spring, it will prove of great value, as its strong root and rapid spring growth quickly repair the slight thinning on wet soils. It grows a little above medium height, short, jointed and stocky, wall of the straw being very thick and hard, resisting severe wind and rain storms to a remarkable degree without lodging. Heads are long, broad and square, enlarged near the top and completely crowded out of shape with large, plump, medium long kernels. A noticeable point in this sort is the prominent row of kernels through center of head, which in most varieties are in a degree deficient. This full center row adds very much to the yield. It is, without doubt, the heaviest and most solid filled head known. The straw is very strong at base of head, which is carried upright even when overripe. This accounts in a great measure for its ability to withstand storms without lodging. (A leaning head acts as a leverage to pull the straw down.) Chaff smooth, thick and hard, varying from a light to a dark brown color, with dark spots. Beards short, with many lacking on sides of head, and some growing only to short spurs. Grain large and plump, standing out very prominent on the head, of a light amber shade, very hard and rich in gluten, and will compete in this respect with the light amber spring varieties of the Northwest for fine flour-making properties, and will weigh two to four pounds more to measured bushel than other sorts, especially if grown on clay soils.

Price, by mail, per lb., 30c.; 3 lbs., 70c. By express or freight,  $\frac{1}{2}$  peck, 35c.; peck, 55c.; bushel, \$1.85; 2 bushels, \$3.40; 10 bushels, \$16.00, bags included.

In peck lots or over, we deliver goods free at depot or express office in Chicago, (for New York price on bushel lots and upwards, add  $\frac{1}{2}$  cent per pound) the purchaser in all cases paying freight or express charges.

**THOUSANDFOLD RYE.**—Rank grower with stiff, heavy straw. Heads of immense size filled with plump grains. Its yield is 20 to 25 per cent. greater than any other Rye, and it makes excellent flour. Eight bushels of seed has yielded 264 measured bushels. Lb., 25c.; 3 lbs., 60c., postpaid; by freight or express, peck, 40c.; bushel, \$1.25. (If shipped from New York add  $\frac{1}{2}$ c. per pound), bag included.

## CRIMSON CLOVER.

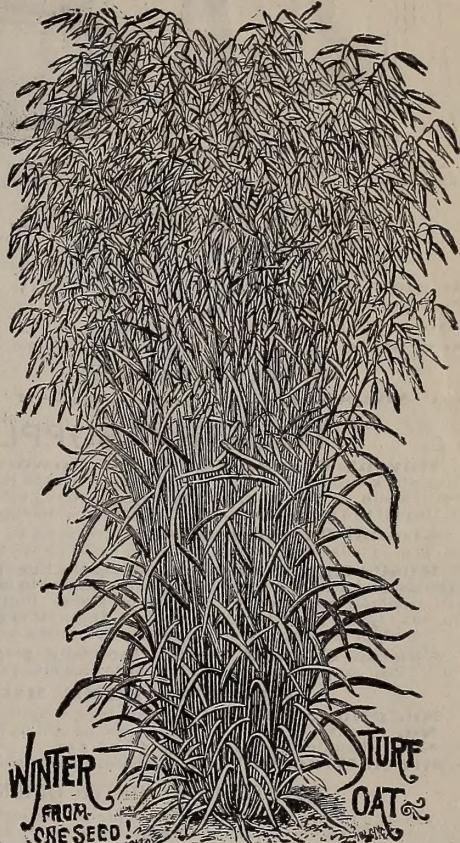
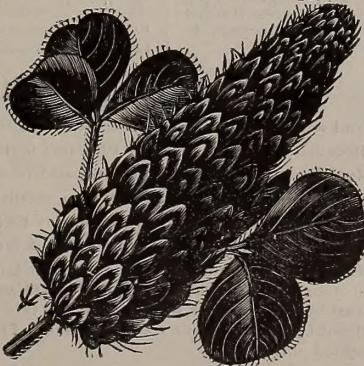
- 1. It grows in one season between other crops.
- 2. Profitable to grow for feed.
- 3. Plowing it under as a manure.
- 4. As a hay crop is equal to Timothy.
- 5. Great feeding value as pasture.

So general has become the use of this New Annual Clover in Delaware and New Jersey the past three years that it has attracted wide spread interest everywhere. We are satisfied that its general use everywhere is a matter of but a few seasons. It should be sown 10 to 15 pounds per acre in July or August to secure best stand, and may be sown in standing corn, or after Potatoes, Tomatoes, Beans, Cabbage or like crops or with Buckwheat. It does not make a permanent pasture, but will give the cattle two early, heavy cuttings of green feed. If it makes a good start it can be pastured during fall and winter and make a good crop of hay or seed in the summer. It will grow on poorest land. It grows late in fall and during warm spells in winter, when Red Clover will not think of starting. A plank drag is a good and sufficient means of covering the seed when sowing. Soon after the vegetable crops named it establishes itself and is ready by May 12th with a heavy growth to plow under for any other crop that may be wanted in the spring. See the gain in time! Such a crop plowed under has shown a proven manurial value of \$50.00 per acre.

Present price — Choice and clean, postpaid, per lb., 25c.; 3 lbs., 65c.; by freight or express, 10 lbs., 75c.; 25 lbs., \$1.65; 100 lbs., \$5.85, bags included.

Price subject to change without notice.

**Cahoon Broadcast Seed Sower.**—A hand-machine very largely used. The quantity to be sown is easily regulated. It distributes EVENLY four to six acres per hour. It will scatter following distances: Wheat, Barley, Rye, 25 feet, Clover and Timothy, 18 to 20 feet. The bag and hopper hold about 22 quarts. Weight  $5\frac{1}{2}$  pounds. Price, \$2.75; three at one time for \$8.00.



## WINTER TURF OATS.

This valuable grain has for several years been growing in favor and use in many parts of the South and has proven extremely valuable, both for the grain and for winter grazing. The Oats may be sown anytime from August as late as the ground can be worked. Of course the later sowings are more liable to winter kill and afford less pasture. They will, however, make a good crop sown as late as October 1st, as well as early in the spring, producing larger yield in bushels and in weight than Spring Oats and they are fully as hardy as Winter Wheat, growing in poorer soil than that and affording much better pasture. These Oats are remarkable for their free stooling habits, producing 25 to 40 stalks from one grain. The height is from 4 to 5 feet. Its great value for grain and winter pasture makes it worthy the attention of every farmer. Our price is very low, as follows: Per oz. pkt., 5c.; lb., 25c.; 3 lbs., 60c., postpaid. By express or freight (on cars at Chicago or N. Y.) pk., 40c.; bushel, \$1.25; 2 bushels, \$2.25.

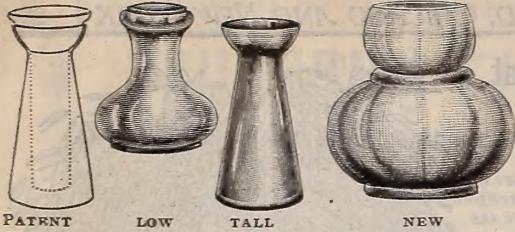
**WILD RICE.** (ZIZANIA AQUATICA.)—The only one of our native plants furnishing food for Wild Fowl, ducks, geese, etc., which has been made an article of commerce. This seed can be sown on the borders of lakes, ponds and along small streams to great advantage, attracting all of these wild birds from September on. It makes good hay and at the South two crops can be cut and all cattle are fond of it. Sow in water having a mud bottom.

Lb., 35c., postpaid; bushel of 20 lbs., \$4.00. Write for prices on large quantities.

## Dwarf Essex Rape.

The main secret in the successful raising of sheep for mutton, for which the English are so famous lies undoubtedly in the very general use of Fodder Rape for feeding them. After the corn is harvested and before winter sets in there is need of nutritious green fodder, especially for sheep. Dwarf Essex Rape is easily grown and perfectly hardy and possesses remarkable fattening properties. One acre will pasture thirty-six head two months, and lambs will make a gain of 8 to 12 pounds a month. "They weigh like lead" Pigs and cattle are also very fond of it. The plant is a rank grower and should have heavy manuring as well as high cultivation. By sowing different pieces several weeks apart a continuous supply of good feed can be had. For the breeding flock a piece should be sown about the first week in July, with some even later, and the chances taken on its withstanding the drouth. From  $\frac{1}{2}$  acre there was cut  $9\frac{1}{2}$  tons of green Rape, or it yielded at the rate of 19 tons per acre.

If the soil is rich and clean sow broadcast, if not so clean sow in drills and cultivate as for corn. Rape is especially adapted for a catch crop, succeeding well when for any cause other crops have failed, as it, like Turnip, makes its growth late in the season, can be sown on stubble, and will furnish excellent pasture when much needed in the fall. When sown broadcast, use five pounds, and if in drills, two pounds to the acre. Price, by express or freight, 10 lbs., \$1.50; 25 lbs., \$3.50; 100 lbs., \$10.00. Per lb., postpaid, 25c.; 3 lbs., 65c.; 2 oz. pkt., 5c.



## HYACINTH GLASSES.

*(These cannot be sent by mail.)*

	Each	Doz.
Belgian, tall	\$1.15	\$1.65
Tyre, low	.20	.25
Patent German, tall	.25	.50
New Style	.20	.25

## CROCUS GLASSES.

Tyre Shape	12	125

## POULTRY SUPPLIES.

**Haven's Climax Condition Powder.**—It cures disease and keeps stock and fowls healthy. All who have used Haven's Powders once, will have it again. Price, 14 oz. package, 25c.; by mail, 15c. extra for postage. 5 lb. box, (equal to 8 packages) \$1.00. Circulars free on application.

**Ground Oyster Shells.**—Of great value to all poultry. Bbl. of 275 lbs., \$3.00; 3 bbls. for \$8.25; 100 lbs., \$1.25; 50 lbs., 70c.; 25 lbs., 45c.; 5 lbs., 15c.

**Rust's Egg Producer.**—Makes the Eggs plentiful and keeps fowls vigorous and healthy; it is just what is needed to make poultry keeping the most profitable operation on a farm or place. Full directions on each box. 1 lb. box 25c.; 2½ lb. box .50c.; 6 lb. box, \$1.00. If to go by mail add 16 cents per pound for postage. Send for descriptive circular.

**Coarse Ground Bone.**—Especially prepared for chickens, etc. Price, 5 lbs., 20c.; 25 lbs., 70c.; 50 lbs., \$1.20; 100 lbs., \$2.00; 200 lbs., \$5.50.

## WILSON'S BONE MILLS.

**No. 1 Bone Mill,** without iron legs, weight 35 lbs., \$3.75; 3 for \$11.00.

**No. 1** " with iron legs, weight 65 lbs., \$5.75.

**No. 0 Family Grist Mill,** \$3.85; 3 for \$11.50.

**Green Bone Mill No. 1,** hand size for grinding fresh bones, \$12.75.

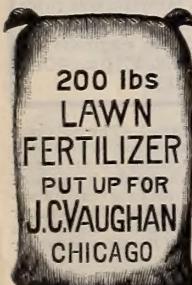
## EGYPTIAN OR WINTER ONION SETS.

Now used in large quantities by all wide awake market gardeners in all good sized market towns for earliest "Green Onions." It does not form a large bulb but is especially valuable for producing Green Onions for spring or fall use, more particularly the former. Once set out, without the slightest protection the Egyptian Onion continues to increase from the bottom and form sets produced upon the top of the stalk and grows so rapidly that it soon attains a marketable size. A very sweet and tender Onion. Pint, 10c.; qt., 20c., postpaid. Peck, 50c.; bu., \$1.50; 3 bu., \$4.00, by freight or express.

## TREE SEEDS FOR FALL SOWING.

**White Ash**—It is an extremely rapid grower, often attaining a growth of six feet in a single season. It is one of the easiest varieties to transplant or grow from seed, requiring no more skill or care than the ordinary crop of white beans or Indian corn. Oz., 5c.; ½ lb., 15c.; lb., 35c.; 5 lbs., not prepaid, 90c.; 10 lbs., \$1.50.

**Box Elder.**—It is the easiest grown and most generally successful of all tree seeds commonly planted. It is a most rapid grower and makes a very leafy shade; it will produce the largest amount of fuel in the shortest time of any of our hardy trees. Price, per oz., 5c.; ½ lb., 12c.; lb., 30c.; not prepaid, 10 lbs., \$1.50; 50 lbs., \$5.50; 100 lbs., \$10.00.



Lawn grass is a voracious feeder and will not thrive and hold its beautiful dark green color and velvety appearance unless it receives a sufficient supply of suitable food. Because so few appreciate this fact is the reason there are so many poor, rusty looking lawns. Stable manure is unpleasant to handle, ill-looking and decidedly odorous, and is also full of waste material, and last but by no means least, it contains weed seeds which are obnoxious, and it often takes years to eradicate the weeds, causing an unnecessary amount of labor. All these objections are obviated by the use of our **Lawn Fertilizer**, and if **Vaughan's Lawn Seed** is used there is no excuse for bad lawn. If the lawn is in fair condition it is only necessary to rake off the dead leaves and grass in spring or fall and scatter broadcast over its surface some of our **Lawn Fertilizer** with a little of our Chicago Parks Lawn Seed over the thin spots, and the work is done. With little care the grass will keep luxuriant throughout the season. **This Fertilizer is non-odorous**, dry, fine and easy to apply. Two or three applications during a season, just before a rain or watering, at the rate of one pound to each one hundred square feet of grass keeps it in flourishing condition and enables it to withstand the scorching sun. This fertilizer can also be used on all garden truck, flowers and house plants. It can also be applied in the fall.

## DIRECTIONS FOR USE.

This fertilizer can be applied late in the fall or early in spring. As soon as the frost is out of the ground, at the rate of ten to fifteen pounds of fertilizer to every 1000 square feet of lawn evenly distributed. For seeding down a new lawn scatter double the amount, say twenty-five pounds of fertilizer, broadcast on every 1,000 feet, and rake it in thoroughly before sowing the seed.

## PURE BONE MEAL.

**Analysis:** Ammonia, 3 to 4 per cent., Bone Phosphate, 45 to 55 per cent. Every bag is guaranteed pure bone. It is made from the bone gathered from the plains and farms without being steamed or baked. Price, per bag of 200 lbs., \$4.25; 1,000 lbs. or over, \$20.00. Harrow or drill in, using 200 to 300 lbs. per acre at time of seeding. In small lots by express, not prepaid, 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., 85c.; 50 lbs., \$1.30; 100 lbs., \$2.25.

## TOBACCO INSECTICIDE SOAP.

It is absolutely safe to handle and will not injure the tenderest growth of plants. It is used by desolving in hot water at the rate of 1 ounce to 2 quarts of water. With this water the plants are sprinkled, syringed or sponged, one or two applications will exterminate any kind of insect. It is sure death to green or black fly (aphis), scale, mealy bug, red spider, etc. If used once or twice a month on plants they will never be troubled with insects. Sold in seven ounce cans at 30c. each, and in two ounce packages at 12c. each, by mail, postpaid.

## BIRD SEED.

We make a specialty of *re-cleaned*, fresh seed at the following low prices: Hemp, Rape, Canary or Millet Seed at 6 cent per pound. Mammoth Russian Sun Flower Seed and Blue Maw Seed at 10c. per pound. If to go by mail, add 10c. per pound for postage. Bird Gravel, per box, 5c. Cuttle Bone, each, 1 and 2c. Mocking

## Plant Bed Cloth for Hot Beds.

Splendid cheap substitute for glass, answering many uses equally well. Light and easily shipped anywhere. It is of stout, tarred muslin that sheds water and protects against weather.

20 yards and upward. 50 yards and upward.  
**Light**, per yard, 5c. **Light**, per yard, 4½c.  
**Medium**, " 8c. **Medium**, " 7½c.  
**Heavy**, " 12c. **Heavy**, " 10½c.

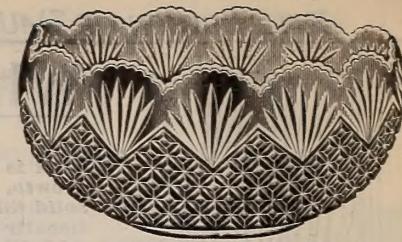
We do not sell less than 20 yards of a kind, as it is made in pieces of 40 and 65 yards.

## Galvanized Steel Wire Plant Stakes.

Far superior to wooden stakes and practically indestructible.

	Doz.	100
2 feet	\$11	\$65
2½ "	12	75
3 "	15	85
3½ "	20	110
4 "	22	115
5 "	25	135

**ROFFEA.** The best material for tying plants, being soft and strong and goes farther and looks better than string. Lb., 25c.; mail, 40c.



## CHINESE LILY BOWL

We take pleasure in offering this handsome article in an entirely new and beautiful pattern as shown in the accompanying illustration. The bowl is made of pressed glass and is just the thing in which to grow the popular Chinese Lily bulb in gravel and water. Can only be forwarded by express.

6 inch for 1 bulb, 20c.; 3 for 50c.  
7 inch for 2 bulbs, 25c.; 3 for 65c.  
8 inch for 3 bulbs, 30c.; 4 for 80c.

**Gravel**, such as is used for above, per quart, 5c. If by mail, postpaid, 40c.

## COLUMBIAN FLOWER TUBS.

These tubs being made of the best pine lumber will keep for years without rotting. They are made of 12 staves in tapered shape; held together by two steel wires, which are connected with substantial iron handles, and so arranged that the wire can be tightened or loosened by simply turning nut on handle.

### No. 1, Plain.

Painted Green or Red. Each

12 by 11 in.	\$1.00
15 by 14 in.	1.50
18 by 16½ in.	2.00
21 by 18½ in.	2.50
24 by 20½ in.	3.00



NO. 1.

Staves are finished alternately imitation redwood and natural varnish finish. Each

12 by 11 in.	\$1.50
15 by 14 in.	2.25
18 by 16½ in.	3.00
21 by 18½ in.	3.75
24 by 20½ in.	4.50

## COMMON FLOWER POTS AND SAUCERS.

2 inch pots	Doz.	20c.	100, \$	90	SAUCERS.
3 " "	"	25c.	"	1.25	3 inch..... Doz.; 15c
4 " "	"	35c.	"	2.00	4 " ..... " 20c
5 " "	"	45c.	"	2.75	5 " ..... " 30c
6 " "	"	60c.	"	4.00	6 " ..... " 40c
7 " "	"	\$1.00	"	7.50	7 " ..... " 50c
8 " "	"	1.75	"	12.00	8 " ..... " 80c
10 " "	Each,	35c	"	10.00	10 " ..... Each, 20c
12 " "	"	60c	"	12.00	12 " ..... " 30c

## LAWN FERTILIZER.

10 lb. bag for 1,000 sq. feet of lawn, or 500 sq. feet of garden.	\$0.50
5 lb. bag for 2,500 sq. feet of lawn, or 1,200 sq. feet of garden.	1.00
50 lb. bag for 5,000 sq. feet of lawn, or 2,500 sq. feet of garden.	1.60
100 lb. bag for ¼ acre of lawn or ½ acre of garden.	2.75
200 lbs. for ½ acre of lawn, or ¼ acre of garden.	5.00

## QUANTITIES TO USE AND PRICES.

This is a most useful fertilizer for all kinds of plants raised in pots. It produces a rapid and vigorous growth and an abundance of flowers. Odorless, and takes the place of liquid manure. Drives insects out of the soil. Package, containing food for 20 plants for 3 months, 15c.; 3 for 40c.; if by mail, add 5c. per package. Large package, containing sufficient plant food for one year, 25c.; 3 for 65c.; if by mail, add 15c. per package. *Each* package contains full directions.

## BOWKER'S PLANT FOOD.

This is a most useful fertilizer for all kinds of plants raised in pots. It produces a rapid and vigorous growth and an abundance of flowers. Odorless, and takes the place of liquid manure. Drives insects out of the soil. Package, containing food for 20 plants for 3 months, 15c.; 3 for 40c.; if by mail, add 5c. per package. Large package, containing sufficient plant food for one year, 25c.; 3 for 65c.; if by mail, add 15c. per package. *Each* package contains full directions.

# Choice Bulb Collections.

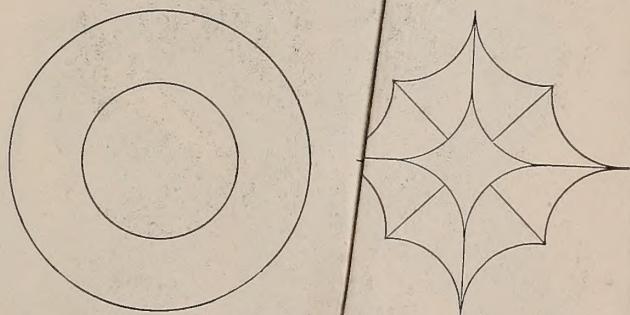
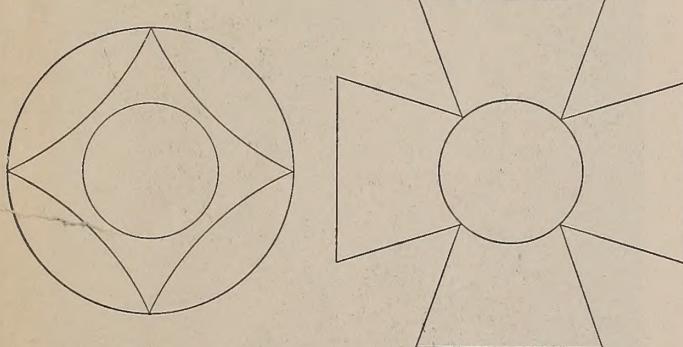
NOTE CHEAP PRICES.

In early Spring when Tulips, Hyacinths, Crocuses, etc., are in bloom, many people, on seeing these beautiful flowers adorning the lawn of some fortunate possessor, mentally resolve that in the coming Fall they will surely make such preparations as will insure a similar display on their own grounds in the following Spring. These Collections are so reasonable in cost, easy to grow and certain to give satisfaction that we take pleasure in offering the following, as being specially adapted for forming designs and grand masses of rich coloring, and selected from varieties of the same height (an important consideration) and which will bloom at the same period:

With each of these Collections we send free of charge, our book, "Flower Bulbs," which gives full cultural directions.

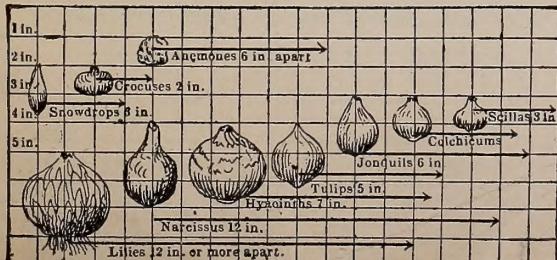
COLLECTION <b>D</b>	<b>Single Named Tulips.</b> Contains 200 Tulips in four colors, sufficient for a bed 7 feet long by 3 feet wide. <b>Price, \$3.00, by express at buyers expense.</b>	COLLECTION <b>G</b>	<b>Single Named Hyacinths.</b> Contains 50 Bulbs of the finest NAMED Large Flowering sorts, such as will bloom at same time. <b>17 WHITE, 16 RED AND ROSE, 17 BLUE.</b> Will plant a bed 6 feet long by 3 feet wide <b>Price, \$3.00, by express at buyers expense.</b>
COLLECTION <b>E</b>	<b>Double Named Tulips.</b> Contains 200 Bulbs in 4 colors; sufficient for a bed 7 feet long by 3 feet wide. <b>Price, \$3.00, by express at buyers expense.</b>	COLLECTION <b>H</b>	<b>Large Flowering Crocus.</b> Contains 200 Bulbs, Largest Mammoth Flowering Crocus, as follows: <b>50 STRIPED and VARIGATED, 50 WHITE, 50 BLUE and PURPLE, 50 YELLOW.</b> Will plant a bed 4½ feet long by 3 feet wide. <b>Price, \$1.00, by express at buyers expense.</b>
COLLECTION <b>F</b>	<b>Double Named Tulips.</b> Contains 150 Bulbs in three colors, will plant a bed 5 feet long by 3½ feet wide. <b>Price, \$2.25, by express at buyers expense.</b>	COLLECTION <b>K</b>	<b>Narcissus or Daffodils.</b> Contains 125 Bulbs choicest, sweet-scented, perfectly hardy Daffodils sufficient to plant a bed 8 feet long by 4 feet wide. <b>Price, \$1.50, by express at buyers expense.</b>

## DIAGRAMS FOR FANCY BEDS.



### Depth at Which Bulbs Should be Planted.

Many of our customers are frequently puzzled to know the proper depth and distance apart at which bulbs should be planted. The accompanying diagram reproduced from "Popular Gardening," conveys the information much more clearly and briefly than we could describe it. The chart will bear careful study. Out door planting should be done early in the Fall to secure healthy plants, vigorous foliage and beautiful flowers.



### —> SHEEP NURE. <—

This is very extensively used by Florists to enrich the soil, especially for Chrysanthemums, Roses. It is also very useful for Bulbs. About one-fourth Sheep Manure well mixed with the soil will produce excellent results, the bulbs will grow more vigorous, the foliage will be dark rich green and the flowers larger. We recommend this as a splendid fertilizer and the price is very low.

Per package, 45c.,  
15c.; 5 lbs., 30c.,  
by express

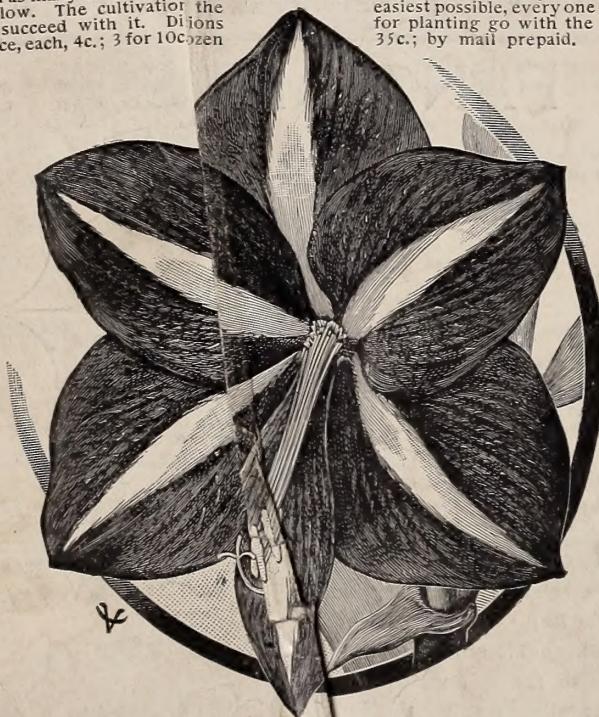




### Bermuda Buttercup Oxalis

FOR WINTERLOOMING IN POTS OR HANGING BASKETS

For continuous flowering through the winter, these Oxalis have no equals. As many as fifty flowerlets have been produced by a single well-grown plant and as many as 1000 blossoms in a season. The flowers are of the purest bright yellow. The cultivation is easiest possible, everyone is sure to succeed with it. Dijons Price, each, 4c.; 3 for 10c dozen.



### Amaryllis Johnsonii or Spice Lily

Undoubtedly one of the grandest for pot culture. The immense trumpet-shaped flowers which measure in six to eight inches across are borne on strong, fleshy flower stalks of rich, deep, velvety crimson, each petal having a broad white stripe of rich, deep, velvety crimson, contrasting beautifully with the deep red color. They are sure blooming. Each, 40c.; 3 for \$1.10.



### Chinese Sacred Lily..or Jas Flower

One of the most satisfactory bulbs for house culture. Can be brought into flower by Christmas time under ordinary cultivation. Each, 15c.; 3 for 40c.; postpaid.

Greenhouses  
Western Springs, Ill.

**Vaustan's Seed Store** <sup>14</sup> Barclay street New York

# "Star Collection"

Containing 8 Choicest Winter Flowering Bulbs for House Culture, as follows:

- 6 Bulbs, True Bermuda Buttercup Oxalis
- 1 Bulb, Large Flowering Amaryllis Johnsonii
- 1 Bulb, Select Size, Chinese Sacred Lily or Jas Flower

WITH FULL CULTURAL DIRECTIONS

For only 60c., Postpaid.